

**1999 Second Quarter RFCA  
Groundwater Monitoring Report  
for Rocky Flats Environmental Technology Site**

**Rocky Mountain Remediation Services, L.L.C**

**November 1999**



## TABLE OF CONTENTS

|   |      |
|---|------|
| EXECUTIVE SUMMARY .....   | ES-1 |
| 1.0 INTRODUCTION .....  | 1-1  |
| 2.0 METHODS .....   | 2-1  |
| 3.0 RESULTS .....   | 3-1  |
| 3.1 TIER I REPORTABLE RESULTS.....  | 3-1  |
| 3.2 TIER II REPORTABLE RESULTS.....   | 3-2  |
| Table 3-1 RFCA Groundwater Monitoring Locations and Sample<br>Collection Summary, Second Quarter, 1999.....                         | 3-7  |
| Table 3-2 Second Quarter, 1999 Groundwater Sample Comparisons With<br>Tier II Action Levels and IMP Reportable Result Criteria..... | 3-9  |
| 4.0 REQUIRED ACTIONS .....  | 4-1  |
| 5.0 REFERENCES .....  | 5-1  |
| 6.0 FIGURES .....   | 6-1  |
| Figure 1 RFCA Second Quarter, 1998 Groundwater Monitoring Wells .....   | 6-1  |
| Figure 2 Trend Plots for Selected Analytes and Wells.....   | 6-2  |
| 7.0 GROUNDWATER DATA QUALITY ASSESSMENT – GENERAL INTRODUCTUON..  | 7-1  |
| DISCUSSION OF ANALYTE GROUPS.....   | 7-4  |
| 7.1 METALS .....  | 7-4  |
| 7.2 RADIONUCLIDES .....   | 7-5  |
| 7.3 VOLATILE ORGANIC COMPOUNDS .....  | 7-6  |
| 7.4 WATER QUALITY PARAMETERS .....  | 7-8  |
| Table 7-1 Relative Percent Differences and Duplicate Error Ratios for Groundwater....   | 7-9  |
| Table 7-2 Summary of RPD and DER Results.....   | 7-12 |
| Table 7-3 Contract Required Detection Limits for Groundwater Analytes .....   | 7-13 |
| Table 7-4 Equipment Rinsate Results.....  | 7-15 |
| Table 7-5 Summary of Validation/Verification Completeness for First Quarter .....   | 7-21 |
| Table 7-6 RFCA Groundwater Monitoring Sample Comparison: Real vs Required..   | 7-22 |
| <br>APPENDICES  |      |
| Appendix A: Groundwater Analytical Data - Second Quarter 1999.....  | A-1  |
| Appendix A: Groundwater Analytical Data – Metals.....   | A-1  |
| Appendix A: Groundwater Analytical Data – Radionuclides.....  | A-24 |
| Appendix A: Groundwater Analytical Data – VOCs.....   | A-28 |
| Appendix A: Groundwater Analytical Data – Water Quality Parameters.....   | A-84 |

## EXECUTIVE SUMMARY

Groundwater sampling for the second quarter, 1999 included 56 locations. Of these, 8 wells were completely dry and a further 6 wells yielded only enough water to collect a partial analytical suite.

## TIER I REPORTABLE RESULTS

There was 1 reportable analytical result that was above the **Tier I Action Level** in the second quarter of 1999. Results from Plume Definition well P209489 showed that nitrate/nitrite was above the Tier I level. The well is being monitored routinely because the nitrate/nitrite is below its historic M2SD.

## TIER II REPORTABLE RESULTS

**Boundary Wells:** No Boundary wells were visited during the second quarter of 1999.

**Deactivation & Decommission Wells:** No reportable results were found in the 2 D&D wells sampled in the second quarter of 1999. One of the 3 D&D wells visited was dry.

Deactivation and Decommission well 02497 contained non-reportable results for americium-241, uranium-233/234 and uranium-238. The uranium isotope concentrations are below their respective background M2SDs. The americium result in 02497 represents the first and only plutonium/americium sample collected at the well. Usually the well dries out before the 1-gallon sample can be collected. This result is based on a sample aliquot and that may have been contaminated from the surface. Routine monitoring continues.

**Drainage Wells:** One Drainage well was visited and sampled during the second quarter of 1999. There were no reportable results.

**Performance Monitoring Wells:** Twelve of fourteen Performance monitoring locations that were visited in the second quarter had analytes with concentrations that exceeded Tier II action levels. One location contained 1 reportable occurrence under IMP criteria.

Performance monitoring location SW13494 contained reportable tetrachloroethene and non-reportable uranium-233/234 and uranium-238. While the amount of tetrachloroethene recorded in the second quarter was low, the trend plots suggests that the compound is increasing at this location with time. The uranium isotopes are below their background M2SDs. Routine quarterly monitoring is continuing at SW13494.

**Plume Definition Wells:** Nine Plume definition wells were visited in the second quarter of 1999. One of these wells was dry. There was one reportable analytical result associated with these wells.

Plume Definition well P209489 contained, as mentioned above, nitrate/nitrite that exceeded the Tier I Action Level and is reportable. The well also contained non-reportable carbon tetrachloride, cis-1,3-dichloropropene, uranium-233/234 and uranium-238. The nitrate/nitrite was above background M2SD but below the historic M2SD for the well. Routine monitoring will continue at P209489.

**Plume Extent Wells:** Twenty-two Plume extent wells were visited in the second quarter, 3 of these were dry. Of the 19 Plume Extent wells sampled 8 wells had a total of 10 reportable analytical results.

Plume Extent well 02197 had a reportable concentration of nitrate/nitrite that was above the Tier II Action Level and background M2SD. This is the first time that nitrate has gone above the Tier II Action Level and therefore a monthly sampling cycle for nitrate/nitrite will be initiated.

Plume Extent well 06091 had 3 reportable occurrences for carbon tetrachloride and non-reportable occurrences for uranium-233/234 and uranium-238. The uranium isotopes are well below their background M2SDs. In well 06091 the carbon tetrachloride results are part of a 3-month sampling program. This report constitutes notification that the well has equaled or surpassed the Tier II level for three consecutive months. Well 06091 will continue to be monitored in a routine manner.

Plume Extent well 1386 exhibited a reportable result for nickel and non-reportable results for uranium-233/234 and uranium-238. The uranium-233/234 and uranium-238 are both below their background M2SDs. The nickel value is above both the background M2SD and historic M2SD. Because a monthly suite has already been collected no new monthly sampling is required. Well 1386 is scheduled for routine monitoring.

Plume Extent well 1786 had reportable amounts of selenium and nitrate/nitrite and non-reportable amounts of uranium-233/234, uranium-235 and uranium-238. The selenium and nitrate/nitrite are both above their background M2SDs but are below their historic M2SDs. The uranium isotopes are all below their background M2SDs. Well 1786 will continue to be monitored routinely.

Plume Extent well 1986 contained reportable manganese and non-reportable uranium-233/234 and uranium-238. The uranium-233/234 and uranium-238 contents were well below their background M2SDs. The manganese is above the background M2SD and the historic M2SD. Because monthly samples have been collected in the past only routine monitoring of well 1986 is required.

Plume Extent well 22796 had reportable analytical results for trichloroethene and non-reportable results for uranium-233/234 and uranium-238. Well 22796 does not have historical M2SDs. By inspection the trichloroethene result is among the lowest recorded at this location. The uranium-233/234 and uranium-238 results were both well below the background M2SDs. Routine monitoring of well 22796 may continue.

Plume Extent well P219489 contained a reportable amount of nitrate/nitrite and non-reportable uranium-233/234 and uranium-238. The nitrate/nitrite content was above the background M2SD but below the historic M2SD for the well. The uranium isotopes were below their background M2SDs. Standard monitoring of well P219489 will continue.

Plume Extent well P416689 had a reportable nickel analysis and non-reportable uranium-233/234 and uranium-238. By inspection the nickel content is within its normal range. The nickel content has been greater than the Tier II Level in the past (1994) and so no monthly sampling for nickel is planned. The uranium-233/234 and uranium-238 results are well below the background M2SDs. P416689 will be sampled routinely.

**RCRA Monitoring Wells:** Seven RCRA monitoring wells were visited in the second quarter of 1999. One well was dry, of the 6 sampled wells 1 well exhibited 3 reportable results.

Upgradient RCRA Monitoring well 70393 held reportable quantities of 1,1-dichloroethene, tetrachloroethene and trichloroethene. These quantities were below the historic M2SDs for this well. Routine monitoring will be continued at this wellsite.

## 1.0 INTRODUCTION

This report is required by Section 3.4.B of Attachment 5 of the **Rocky Flats Cleanup Agreement (RFCA)** (EPA, CDPHE, and DOE, 1996) and described in the **Integrated Monitoring Plan (IMP)** (DOE, 1998). The quarterly RFCA report replaces and incorporates information previously provided in the quarterly **Resource Conservation and Recovery Act (RCRA)** report.

The DOE/K-H/RMRS team has completed evaluation of second quarter (April-May-June) 1999 groundwater analytical data using updated groundwater action level criteria as described in RFCA Attachment 5 (Kaiser-Hill, 1999). The sampling for the second quarter of 1999 reflects the approval of the monitoring well list (CDPHE, Nov. 1996 and EPA, Nov. 1996) and the establishment of semi-annual sampling frequencies. Therefore, only a portion of the RFCA monitoring wells are sampled and reported each quarter. The remainder will be sampled in the following quarter as site conditions allow. RFCA groundwater monitoring locations and three sump/drain locations (see below) are included in this report. The locations sampled during the second quarter, 1999 are listed in Table 3-1. The locations of the sampled sites are shown in Figure 1.

Data for Performance Monitoring wells 15599, 15699, and 15799 at the Mound Site Plume are included in the appendix for this report (only 15699 had results, 15599 and 15799 were dry). Data gathered from these wells will henceforth continue to be reported in this series of Quarterly Groundwater Reports.

In addition to monitoring wells cited in this report three other locations are included: 891COLGAL, 891COLWEL and SW13494. The 891 locations are pump equipped wells that collect water from the French Drain on the Building 881 hillside. Location SW13494 is a sump for the footing drain system of the 881 Building it also is located on the 881 hillside.

## 2.0 METHODS

The Groundwater Monitoring program attempted to collect and have analyzed 419 bottles in the second quarter of 1999. (Note that one bottle may be processed for several analytes.) Owing to dry wells and wells with insufficient water only 337 requests for analysis were actually sent out. (There were 54 samples related to dry wells and 28 related to insufficient water.) By the middle of October 1999 approximately 100 percent of the second quarter 1999 data were available electronically. Results for all analyses that were sent out have been returned. Ultimately, it is expected that all data for quarterly reports will be retrieved from the **Soil and Water Database (SWD)**, which has replaced the **Rocky Flats Environmental Database System (RFEDS)** as an electronic data repository for **Environmental Restoration (ER)** projects. It was not necessary to manually compile data from the laboratory report packages.

The analytical results were uploaded from SWD into a local ACCESS database maintained by the groundwater group. Data were examined for presence/absence and consistency. Duplications and mismatches were excluded. Field and laboratory QC data were identified for use in the data quality assessment section. (Sec. 7.0)

Results for all detected analytes (results without a "U" qualifier) were compared with **Tier I** and **Tier II Action Levels Framework (ALF)** criteria. Results exceeding **Tier I** or **Tier II** action levels were further compared with the site-wide **BACKGROUND Mean plus Two Standard Deviation (M2SD)** values and well-specific **HISTORIC Mean plus Two Standard Deviation (M2SD)** values. Three ratios calculated as a result of these comparisons are used to identify IMP reportable results as described below. (Note that Volatile Organic Compounds do not have background concentrations.)

(Table 3-2 represents a screen for any results that exceed the Tier II Action Levels. Table 3-2 is used to evaluate the reportable results as described above and to help select analytes and wells which are of interest for site cleanup but which may not be reportable under IMP criteria.)

**Background values** were taken from the Background Geochemical Characterization Report (DOE, 1993) with the exception of americium-241, plutonium-239/240, uranium-233/234, uranium-235, and uranium-238. **Background values** for these radionuclides were taken from the draft Background Comparison for Radionuclides in Groundwater Report (DOE, 1997). Data were extracted directly from the SWD and/or the local groundwater database to calculate the historical M2SD for locations with analytes exceeding **Tier II ALF** criteria and to produce trend plots.

The groundwater monitoring network, as defined in the IMP (DOE, 1998), has eight categories of monitoring wells. The decision rule sequence presented in the IMP was followed for determining **Tier I** and **II** reportable results. The well types and decision rules are defined below:

**Plume Definition (PD) Monitoring Wells:** These wells are located within known contaminant plumes and are above **Tier II** action levels, but are below the **Tier I** action levels established in the ALF. A reportable result occurs when a measured concentration exceeds a **Tier I** action level **and** the background value **and** the M2SD of the historical concentration in the well. The required action is to reclassify as a **Tier I** reportable result well and evaluate possible impacts to surface water.

**Plume Extent (PE) Monitoring Wells:** These wells are located at the edges of known groundwater contaminant plumes, along pathways to surface water. These wells monitor for an increase in concentrations that may result in future impacts to surface water. A reportable result occurs if a measured concentration exceeds a **Tier II** action level **and** the background value. When there are no previous historical reportable results, **or** when a value exceeds the M2SD of the historical concentration in the well when there have been historical reportable results of **Tier II** action levels,

the required action is to initiate monthly sampling. If action levels are exceeded for three consecutive months, by the above criteria, then appropriate parties are notified and the possible impacts to surface water are evaluated.

Drainage (D) Monitoring Wells: These wells are located in stream drainages, downgradient of contaminant plumes. They have the same programmatic requirements as PE wells under the IMP. A reportable result occurs if a measured concentration exceeds a **Tier II** action level **and** the background value. When there are no historical reportable results, **or** a value exceeds the M2SD of the historical concentration in the well when there have been historical reportable results of **Tier II** action levels, the required action is to initiate monthly sampling. If action levels are exceeded for three consecutive months, by the above criteria, then appropriate parties are notified and the possible impacts to surface water are evaluated.

Boundary (B) Monitoring Wells: These wells monitor ground water leaving the eastern Site boundary through the stream drainage channels. A reportable result occurs if a measured concentration exceeds a **Tier II** action level **and** the background value. When there are no historical reportable results, **or** a value exceeds the M2SD of the historical concentration in the well when there have been historical reportable results of **Tier II** action levels, the required action is to initiate monthly sampling. If action levels are exceeded for three consecutive months, by the above criteria, then appropriate parties are notified and the possible impacts to surface water are evaluated.

D&D (DD) Monitoring Wells: These wells monitor for releases to groundwater from deactivation and decommissioning (D&D) activities. A reportable result occurs when a measured concentration exceeds the M2SD of the established historical baseline concentration downgradient of the building(s). The required action is to inform appropriate parties and initiate an evaluation of the situation.

Performance Monitoring (PM) Wells: These wells monitor the effect of a remediation or source removal action, as required in the ALF. If an increasing trend in the concentration of a contaminant is noted, then the appropriate parties are notified and an evaluation of the situation is initiated.

RCRA Monitoring Wells: These wells monitor downgradient groundwater contaminant concentrations at RCRA units. If the mean concentration of a contaminant in a downgradient well exceeds the mean concentration in upgradient wells **and** concentrations at the well show an upward trend with time, a report will be made to appropriate agencies and an investigation will be initiated to determine possible causes. This evaluation will be performed in the annual RFETS RFCA Groundwater Monitoring Report.

For the purposes of the quarterly reports, analytical results from downgradient RCRA wells will be treated in the same manner as Plume Extent wells. A reportable result for a RCRA well occurs if a measured concentration exceeds a **Tier II** action level **and** the background value. When there are no historical reportable results, **or** a value exceeds the M2SD of the historical concentration in the well when there have been historical reportable results of **Tier II** action levels, the required action is to initiate monthly sampling. If action levels are exceeded for three consecutive months, by the above criteria, then appropriate parties are notified and the possible impacts to surface water are evaluated. As noted above a review of the relative concentrations of upgradient and downgradient wells will be performed in an annual report.

Plume Degradation Monitoring Wells: These wells will be located either in downgradient areas that may be contaminated from a specific source or in associated upgradient areas. Data will be reviewed annually to determine if sufficient data have been collected to support remedial decision making. Upon collection of sufficient data an evaluation will be performed to establish inputs to the remedial

conceptual model. This is a new category of IMP well and as yet no such wells are being sampled (DOE, 1998).

### 3.0 RESULTS

Groundwater sampling for the second quarter, 1999 included 56 locations. Of these, 8 wells were completely dry and a further 6 wells yielded only enough water to collect a partial analytical suite. Table 3-1 summarizes data collection activities for the second quarter of 1999. All sample results for the second quarter have been received as of this writing.

Major findings are presented in Table 3-2 and are summarized in the following discussion. Figure 1 illustrates the location of major plume boundaries relative to monitoring locations. Locations found to have reportable results of **Tier I** or **II**, action-level criteria are noted. Historic trends are shown for selected wells with analyte concentrations above **Tier I** or **Tier II Action Levels** (Figures 2-1 to 2-52). Other illustrated trends include organic compounds with concentrations exceeding **Tier II** action levels, and for any inorganic analytes with concentrations exceeding **Tier II** action levels and background M2SD. The RFCA requires that this information be reported quarterly.

#### 3.1 TIER I REPORTABLE RESULTS

There was 1 reportable analytical result that was above the **Tier I Action Level** in the second quarter of 1999. Results from Plume Definition well P209489 showed that nitrate/nitrite was above the Tier I level (Figure 2-48). The well is being monitored routinely because the nitrate/nitrite is below its historic M2SD.

#### 3.2 TIER II REPORTABLE RESULTS

**Boundary Wells:** No Boundary wells were visited during the second quarter of 1999.

**Deactivation & Decommission Wells:** No reportable results were found in the 2 Deactivation and Decommission wells sampled in the second quarter of 1999. One of the 3 D&D wells visited was dry.

Deactivation and Decommission well 02297 contained non-reportable results for uranium-233/234 and uranium-238 that were above Tier II Action Levels. The uranium isotope concentrations are below their respective background M2SDs. Well 02297 will continue to be monitored on a routine schedule.

Deactivation and Decommission well 02497 contained non-reportable results for americium-241, uranium-233/234 and uranium-238 that were above Tier II Action Levels. The uranium isotope concentrations are below their respective background M2SDs.

The americium result in 02497 represents the first and only plutonium/americium sample collected at the well. Usually the well dries out before the 1-gallon sample can be collected. This result is based on a sample aliquot that was gathered over several visits to the well over about a three-week interval. In addition the well casing and protective casing (both made of PVC) were broken off at the ground surface (the well has since been converted to a flush mount). The water comprising the sample contained what appeared to be bits of asphalt and had a strong "sewer-like" odor. The groundwater program believes that the well was contaminated from the surface in some manner. The damage and contamination at this well may be related to construction related activity preparatory to building demolition in the area. Well 02497 will continue to be monitored on a routine schedule.

**Drainage Wells:** One Drainage well was visited and sampled during the second quarter of 1999. The results indicated no reportable occurrences.

Drainage well 5587 had non-reportable amounts of uranium-233/234 and uranium-238. The uranium results were above the Tier II Action Level but below the background M2SD. No action is required by these uranium results.

**Performance Monitoring Wells:** Twelve of fourteen Performance monitoring locations that were visited in the second quarter had analytes with concentrations that exceeded Tier II action levels. One of these locations, SW13494, contained 1 reportable result based upon IMP criteria.

Performance Monitoring well 00897 has non-reportable results for 1,1,2,2-tetrachloroethene, tetrachloroethene, trichloroethene, uranium-233/234 and uranium-238 that are above the Tier II Action Levels. The results are below the background M2SDs for the uranium isotopes. Only 3 data points are available for 1,1,2,2-tetrachloroethene so no trend plot has been constructed (A June 1998 value is not being used as the analysis was run at a dilution of 2500x and the compound was undetected.) However, the range in results for 1,1,2,2-tetrachloroethene from 3/9/98 to 5/18/99 is between 1.0 and 5.0 µg/L ("U" lab qualified). By inspection the trend for 1,1,2,2-tetrachloroethene appears to be within its normal range and does not appear to be increasing. By inspection, trend plots for tetrachloroethene (Figure 2-14) and trichloroethene (Figure 2-23) show they are within their normal ranges. With only 4 data points discussing a trend may be premature; trichloroethene may be decreasing, tetrachloroethene may be increasing slightly. Routine monitoring will continue at well 00897.

Performance Monitoring well 02291 contained non-reportable amounts of tetrachloroethene and trichloroethene, uranium-233/234 and uranium-238 that were above the Tier II Action Levels. The tetrachloroethene (Figure 2-15) and trichloroethene (Figure 2-24) both exceed their respective historic M2SDs. Concentrations of both compounds may be increasing. However, values of 1 µg/L for these compounds from early 1998 analyses are probably erroneous given the history of higher concentrations in the past and at present. The groundwater program will review these and other data points and evaluate the trend plots in the third quarter report. The values recorded here are the highest reported so far for this well. The uranium isotopes are well below their background M2SDs. Routine monitoring will continue at well 02291.

Performance Monitoring wells 10592 and 10792 contained concentrations of selenium, uranium-233/234 and uranium-238 that were above the Tier II Action Levels. These results are not reportable. The selenium content in 10592 is within the range of previous analyses, is below its historic M2SD and appears to be declining (Figure 2-40). Well 10792 does not have enough results to calculate a historic M2SD for 1991 to 1995 but by inspection the selenium content is within the normal range for the well with a trend that is horizontal or increasing very slightly (Figure 2-41). The uranium isotope concentrations for both wells are below their respective background M2SDs. Routine monitoring will continue at wells 10592 and 10792.

Performance Monitoring well 11092 had selenium that was above the Tier II Action Level. This result is not reportable. Well 11092 usually does not provide sufficient water to collect a complete sample suite. Because of this there is only 1 other selenium analysis from 11/20/97 of 306 µg/L. Routine monitoring will continue at well 11092.

Performance Monitoring well 11891 contained several non-reportable analytical results that were above the Tier II Action Levels: carbon tetrachloride, tetrachloroethene, trichloroethene, uranium-233/234 and uranium-238. The carbon tetrachloride (Figure 2-4), tetrachloroethene (Figure 2-16) and trichloroethene (Figure 2-25) results are all within their normal ranges, are below their historic M2SDs and do not appear to be increasing in concentration. The uranium isotope results are both well below their respective background M2SDs. Routine monitoring of well 11891 is scheduled.

Performance Monitoring well 12191 had non-reportable values for carbon tetrachloride, methylene chloride, tetrachloroethene, trichloroethene, uranium-233/234 and uranium-238 that were above the Tier II Action Levels. The organic compounds; carbon tetrachloride (Figure 2-5), methylene chloride (Figure 2-11), tetrachloroethene (Figure 2-17) and trichloroethene (Figure 2-26) are all below their historic M2SD ranges. Except for methylene chloride the organic trends are not increasing. The current result for methylene chloride is "JB" qualified by the lab and therefore the result is probably influenced by laboratory contamination and will be discounted here. The uranium isotopes are well below their respective background M2SDs. Sampling will be continued on a routine schedule at well 12191.

Performance Monitoring well 15699 again had several non-reportable results that were above Tier II Action Levels. These included 1,1-dichloroethene, 1,2-dichloroethane, cis-1,2-dichloroethene, methylene chloride, tetrachloroethene, trichloroethene, uranium-233/234 and uranium-238. The uranium values are below the background M2SD levels. Because the 15699 well is relatively new only 2 sampling events are available for comparison and no trend plots have been constructed. By inspection, the results for all the organic compounds have increased between the first sampling event in March 1999 and the second sampling event in April. Routine monitoring is continuing.

Performance Monitoring well 3687 contained non-reportable results for chloroform, methylene chloride, tetrachloroethene, trichloroethene, uranium-233/234 and uranium-238. The values for the uranium isotopes are well below their background M2SDs. The value for chloroform (Figure 2-9) has returned to normal after the anomalously high value from the previous analysis in October 1998. Interpretation of the methylene chloride result is again clouded by the possibility of lab contamination signified by the "JB" lab qualifier (Figure 2-12). Tetrachloroethene (Figure 2-18) and trichloroethene (Figure 2-28) are below their respective historic M2SDs and do not appear to be increasing. Routine monitoring of well 3687 will continue.

Performance Monitoring location 891COLGAL had non-reportable amounts of lead, uranium-233/234 and uranium-238 that exceeded the Tier II Action Levels. The uranium-233/234 and uranium-238 are below their background M2SDs. The lead concentration is the highest recorded so far. Inspection of the trend plot for lead (Figure 2-34) shows that the current reading is an abnormal spike in the amount of lead present in the well, this suggests a reporting error or contamination. Field logs and lab reports do not provide an obvious means of resolving this question. Routine quarterly monitoring of location 891COLGAL will continue. Lead in 891COLGAL will be watched to see if it returns to more normal levels.

Performance Monitoring location 891COLWEL contained non-reportable quantities of carbon tetrachloride (Figure 2-6), methylene chloride (Figure 2-13), tetrachloroethene (Figure 2-20), trichloroethene (Figure 2-30), selenium (Figure 2-44), uranium-233/234 and uranium-238 that were above the Tier II Action Levels. Trend plots for carbon tetrachloride, tetrachloroethene, trichloroethene and selenium suggest that these analytes do not appear to be increasing significantly. Concentrations of the volatile organic compounds and selenium are below their respective historic M2SDs. Methylene chloride may be influenced by lab contamination ("JB" lab qualified). The uranium isotopes are both below their background M2SDs. Routine monitoring of location 891COLWEL is planned.

Performance Monitoring location SW13494 had a reportable result for tetrachloroethene and non-reportable ones for uranium-233/234 and uranium-238 that are above the Tier II Action Levels. The uranium contents were well below their respective background M2SDs. The tetrachloroethene results (Figure 2-22) are among the lowest recorded at this location and well within the normal range for the site. However, the tetrachloroethene trend plots may be showing an increase in concentration with time. (Data are insufficient to calculate a 1991-1995 historic mean plus 2-standard deviations (M2SD) for this location.) Routine monitoring of SW13494 will continue.

**Plume Definition Wells:** Nine Plume definition wells were visited in the second quarter of 1999. One of these wells was dry. There was 1 reportable analytical result associated with these wells.

Plume Definition Well 2987 contained non-reportable results for antimony, chromium, molybdenum, nickel, selenium, nitrate/nitrite, sulfate, uranium-233/234 and uranium-238 that were above the Tier II Action Levels. Note that total metal analyses performed on the sample from this well are being compared to background M2SDs and historic M2SDs calculated based on past dissolved metal analyses. This is the result of the change from bailing well 2987 in the past to using a dedicated bladder pump to collect the sample. Bailed metal samples are filtered giving dissolved metal results and pumped wells are not filtered giving total metal results (see also section 7.0 Comparability). The field parameters for this second quarter sampling event show that the sampled water was more turbid than desired. The uranium isotopes are below the background M2SDs. The total metal analysis for antimony is below both the background and the historic M2SDs (Figure 2-32). The results for selenium (Figure 2-43) and sulfate (Figure 2-50) are above their background M2SDs but below their historic M2SDs. The results for chromium (Figure 2-33), molybdenum (Figure 2-36), nickel (Figure 2-38) and nitrate/nitrite (Figure 2-47) are above both their respective background M2SDs and historic M2SDs. The nitrate/nitrite result is the highest recorded so far, there is no nitrate/nitrite historic M2SD for this well. Routine monitoring will continue at well 2987.

Plume Definition well 77392 exceeded the Tier II Action Levels for fluoride, uranium-233/234 and uranium-238. The fluoride result is similar to the only other one collected in June 1998 ( $6/98 = 5.1 \mu\text{g/L}$ ,  $5/99 = 5.8 \mu\text{g/L}$ ). The uranium isotope results are below the background M2SDs. Well 77392 will be monitored routinely.

Plume Definition well P209289 contained carbon tetrachloride, uranium-233/234 and uranium-238 in non-reportable amounts that were above the Tier II Action Levels. By inspection the carbon tetrachloride result is within its normal range and nearly the lowest recorded to date (Figure 2-7). (Data is insufficient to calculate a historic M2SD for carbon tetrachloride in this well.) Both uranium isotope results are well below their respective background M2SDs. Routine monitoring will continue at well P209289.

Plume Definition well P209489 had a reportable occurrence for nitrate/nitrite that was above the **Tier I** Action Level and non-reportable occurrences of carbon tetrachloride, cis-1,3-dichloropropene, uranium-233/234 and uranium-238 results that were above the **Tier II** Action Levels. The carbon tetrachloride (Figure 2-8) and cis-1,3-dichloropropene (Figure 2-10) results are both below their historic M2SDs. The nitrate/nitrite results are above the background M2SD but below the historic M2SD for the well (Figure 2-48). Uranium-233/234 and uranium-238 results are below their background M2SDs. Routine monitoring will continue at well P209489.

Plume Definition well P219189 results for 1,1-dichloroethene, uranium-233/234, uranium-235 and uranium-238 that are above the Tier II Action Levels but not reportable. The 1,1-dichloroethene result was below its historic M2SD (Figure 2-2). Results for uranium-233/234 and uranium-235 were just below the background M2SD and the result for uranium-238 was just above the background M2SD. Data are insufficient to calculate a 1991-1995 historic M2SD for uranium-238, only 2 data points are available. Routine monitoring of well P219189 will continue.

Plume Definition well P416789 contained non-reportable results for trichloroethene and uranium-233/234 that were above Tier II Action Levels. The trichloroethene was below its historic M2SD (Figure 2-31). The uranium-233/234 was well below the background M2SD. Routine monitoring of well P416798 will be pursued.

Plume Definition well P416889 had non-reportable amounts of tetrachloroethene and uranium-233/234 that were above the Tier II Action Levels. The tetrachloroethene content was below its historic M2SD (Figure 2-21). Uranium-233/234 in P416889 was well below the background M2SD. Routine monitoring of well P416798 will continue.

**Plume Extent Wells:** Twenty-two Plume extent wells were visited in the second quarter, 3 of these were dry. Of the 19 Plume Extent wells sampled 8 wells had a total of 10 reportable analytical results.

Plume Extent wells 00397, 04091, 04991, 2186, 3386, 3586, 5387 and B208789 all had uranium-233/234 and uranium-238 non-reportable results that were above Tier II Action Levels. Plume Extent well P218389 had only uranium-238 in a non-reportable amount above the Tier II Action Level. All the results are below the background means, most are well below, for these isotopes. These wells will continue to be monitored on the routine schedule.

Plume Extent well 02197 had a reportable concentration of nitrate/nitrite that was above the Tier II Action Level and background M2SD. This is the first time that nitrate has gone above the Tier II Action Level and therefore a monthly sampling cycle for nitrate/nitrite will be initiated (Figure 2-45). (On 11/18/99 an attempt to sample the well indicated that it was technically dry.)

Plume Extent well 06091 had 2 reportable occurrences for carbon tetrachloride and non-reportable occurrences for uranium-233/234 and uranium-238 that were above the Tier II Action Levels. The uranium isotopes are well below their background M2SDs. In well 06091 the two carbon tetrachloride results are part of a 3-month sampling program initiated by the 1998 Fourth Quarter report (RMRS, 1999a). The third sample collected in July 1999 is also shown on the trend plot, Figure 2-3, it too is above the Tier II Action Level. This report constitutes notification that the well has equaled or surpassed the Tier II level for three consecutive months. Well 06091 will continue to be monitored in a routine manner.

Plume Extent well 1386 exhibited a reportable result for nickel and non-reportable results for uranium-233/234 and uranium-238 that were above the Tier II Action Levels. The uranium-233/234 and uranium-238 are both below their background M2SDs. The nickel value is above both the background M2SD and historic M2SD (Figure 2-37). Although the nickel content in the well has been high in the recent past no new monthly sampling events are required because a monthly suite has already been collected. Well 1386 is scheduled for routine monitoring.

Plume Extent well 1786 had reportable amounts of selenium and nitrate/nitrite and non-reportable amounts of uranium-233/234, uranium-235 and uranium-238 that were above the Tier II Action Levels. The selenium (Figure 2-42) and nitrate/nitrite (Figure 2-46) are both above their background M2SDs but are below their historic M2SDs. The uranium isotopes are all below their background M2SDs. Well 1786 will continue to be monitored routinely.

Plume Extent well 1986 contained reportable manganese and non-reportable uranium-233/234 and uranium-238 in amounts were above the Tier II Action Levels. The uranium-233/234 and uranium-238 contents were well below their background M2SDs. The manganese content represents an increase above 3-monthly samples collected in the fourth quarter of 1998 and is exactly equivalent to a sample collected in June 1998 (Figure 2-35). The manganese is again above the background M2SD and the historic M2SD. Because monthly samples have been collected in the past only routine monitoring of well 1986 is required.

Plume Extent well 22796 had reportable analytical results for trichloroethene and non-reportable results for uranium-233/234 and uranium-238. Well 22796 does not have historical M2SDs. By inspection the trichloroethene result is among the lowest recorded at this location(Figure 2-27). The

uranium-233/234 and uranium-238 results were both well below the background M2SDs. Routine monitoring of well 22796 may continue.

Plume Extent well P219489 contained a reportable amount of nitrate/nitrite and non-reportable uranium-233/234 and uranium-238 that were above the Tier II action level. The nitrate/nitrite content was above the background M2SD but below the historic M2SD for the well (Figure 2-49). The uranium isotopes were below their background M2SDs. Standard monitoring of well P219489 will continue.

Plume Extent well P416689 had a reportable nickel analysis and non-reportable uranium-233/234 and uranium-238 analyses that were above the Tier II Action Levels. The well does not have a historic M2SD but by inspection the nickel content is within its normal range despite being above the Tier II Action Level (Figure 2-39). The nickel content has been greater than the Tier II Level in the past (1994) and so no monthly sampling for nickel is planned. The uranium-233/234 and uranium-238 results are well below the background M2SDs. P416689 will be sampled routinely.

**RCRA Monitoring Wells:** Seven RCRA monitoring wells were visited in the second quarter of 1999. One well was dry, of the 6 sampled wells 1 well exhibited 3 reportable results.

Downgradient RCRA Monitoring well 4087 contained non-reportable amounts of uranium-233/234 and uranium-238 that were above the Tier II Action Level. The uranium content was below the background M2SD. Only routine monitoring is required.

Downgradient RCRA Monitoring well 52894 contained non-reportable amounts of uranium-233/234 and uranium-238 that were above the Tier II Action Level. The uranium content was below the background M2SD. Only routine monitoring is required.

Upgradient RCRA Monitoring well 70393 held reportable quantities of 1,1-dichloroethene (Figure 2-1), tetrachloroethene (Figure 2-19) and trichloroethene (Figure 2-29) that were above Tier II Action Levels. These quantities were below the historic M2SDs for this well. Routine monitoring will be continued at this wellsite.

Table 3-1

RF/RMRS-99-453.UN

## RFCA Groundwater Monitoring Locations and Sample Collection Summary Second Quarter, 1999

| Well #    | VOC's   | Metals  | Radionuclides |           |         |          | Water Quality Parameters |         |                               |          |
|-----------|---------|---------|---------------|-----------|---------|----------|--------------------------|---------|-------------------------------|----------|
|           |         |         | Pu/Am         | U-isotope | Tritium | Sr 89/90 | Nitrate                  | TDS     | SO <sub>4</sub> <sup>-2</sup> | Fluoride |
| 00197     | Sampled | Insw    | N/S           | Insw      | Insw    | Insw     | Insw                     | Insw    | Insw                          | Insw     |
| 00297     | Dry     | Dry     | Dry           | Dry       | Dry     | Dry      | Dry                      | Dry     | Dry                           | Dry      |
| 00397     | Sampled | Sampled | N/S           | Sampled   | Sampled | N/S      | Sampled                  | Sampled | Sampled                       | Sampled  |
| 00897     | Sampled | Sampled | Sampled       | Sampled   | N/S     | N/S      | Sampled                  | Sampled | N/S                           | N/S      |
| 02197     | Sampled | Sampled | N/S           | Sampled   | Sampled | N/S      | Sampled                  | Sampled | Sampled                       | Sampled  |
| 02291     | Sampled | Sampled | Sampled       | Sampled   | N/S     | N/S      | Sampled                  | Sampled | N/S                           | N/S      |
| 02297     | Sampled | Insw    | Insw          | Sampled   | N/S     | N/S      | Sampled                  | Insw    | N/S                           | N/S      |
| 02397     | Dry     | Dry     | Dry           | N/S       | N/S     | Dry      | Dry                      | N/S     | N/S                           | N/S      |
| 02497     | Sampled | Insw    | Sampled       | Sampled   | N/S     | N/S      | Insw                     | Insw    | N/S                           | N/S      |
| 04091     | Sampled | Sampled | Sampled       | Sampled   | N/S     | N/S      | Sampled                  | Sampled | N/S                           | N/S      |
| 04991     | Sampled | Sampled | Sampled       | Sampled   | N/S     | N/S      | Sampled                  | Sampled | N/S                           | N/S      |
| 06091     | Sampled | Sampled | Sampled       | Sampled   | N/S     | N/S      | Sampled                  | Sampled | N/S                           | N/S      |
| 08091     | Dry     | Dry     | Dry           | N/S       | Dry     | Dry      | Dry                      | N/S     | N/S                           | N/S      |
| 1386      | Sampled | Sampled | Sampled       | Sampled   | Sampled | Sampled  | Sampled                  | Sampled | Sampled                       | Sampled  |
| 1786      | Sampled | Sampled | Sampled       | Sampled   | Sampled | Sampled  | Sampled                  | Sampled | Sampled                       | Sampled  |
| 1986      | Sampled | Sampled | Sampled       | Sampled   | N/S     | N/S      | Sampled                  | Sampled | N/S                           | N/S      |
| 2186      | Sampled | Sampled | Sampled       | Sampled   | N/S     | N/S      | Sampled                  | Sampled | N/S                           | N/S      |
| 2987      | Sampled | Sampled | Sampled       | Sampled   | N/S     | N/S      | Sampled                  | Sampled | Sampled                       | N/S      |
| 3087      | Sampled | Sampled | Sampled       | Sampled   | N/S     | N/S      | Sampled                  | Sampled | Sampled                       | N/S      |
| 3386      | Sampled | Sampled | Insw          | Sampled   | Sampled | Sampled  | Sampled                  | Sampled | Sampled                       | Sampled  |
| 3586      | Sampled | Sampled | Sampled       | Sampled   | N/S     | N/S      | Sampled                  | Sampled | N/S                           | N/S      |
| 3687      | Sampled | Sampled | Sampled       | Sampled   | N/S     | N/S      | Sampled                  | Sampled | N/S                           | N/S      |
| 4087      | Sampled | Sampled | N/S           | Sampled   | Sampled | N/S      | Sampled                  | Sampled | Sampled                       | Sampled  |
| 5387      | Sampled | Sampled | N/S           | Sampled   | N/S     | N/S      | Sampled                  | Sampled | Sampled                       | N/S      |
| 5587      | Sampled | Sampled | N/S           | Sampled   | N/S     | Sampled  | Sampled                  | Sampled | Sampled                       | N/S      |
| 5887      | Sampled | Sampled | N/S           | Sampled   | Sampled | N/S      | Sampled                  | Sampled | Sampled                       | Sampled  |
| 10592     | Sampled | Sampled | N/S           | Sampled   | N/S     | N/S      | Sampled                  | Sampled | Sampled                       | N/S      |
| 10792     | Sampled | Sampled | N/S           | Sampled   | N/S     | N/S      | Sampled                  | Sampled | Sampled                       | N/S      |
| 11092     | Sampled | Sampled | N/S           | Insw      | N/S     | N/S      | Sampled                  | Insw    | Insw                          | N/S      |
| 11891     | Sampled | Sampled | Sampled       | Sampled   | N/S     | N/S      | Sampled                  | Sampled | N/S                           | N/S      |
| 12191     | Sampled | Sampled | Sampled       | Sampled   | N/S     | N/S      | Sampled                  | Sampled | N/S                           | N/S      |
| 15599     | Dry     | N/S     | Dry           | Dry       | N/S     | N/S      | N/S                      | N/S     | N/S                           | N/S      |
| 15699     | Sampled | N/S     | Sampled       | Sampled   | N/S     | N/S      | N/S                      | N/S     | N/S                           | N/S      |
| 15799     | Dry     | N/S     | Dry           | Dry       | N/S     | N/S      | N/S                      | N/S     | N/S                           | N/S      |
| 22796     | Sampled | Sampled | Sampled       | Sampled   | N/S     | N/S      | Sampled                  | Sampled | N/S                           | N/S      |
| 23196     | Dry     | Dry     | Dry           | Dry       | N/S     | N/S      | Dry                      | Dry     | Dry                           | N/S      |
| 23296     | N/S     | Sampled | N/S           | N/S       | N/S     | N/S      | N/S                      | N/S     | N/S                           | N/S      |
| 52894     | Sampled | Sampled | N/S           | Sampled   | Sampled | N/S      | Sampled                  | Sampled | Sampled                       | Sampled  |
| 70193     | Sampled | Sampled | N/S           | Sampled   | Sampled | N/S      | Sampled                  | Sampled | Sampled                       | Sampled  |
| 70393     | Sampled | Sampled | N/S           | Sampled   | Sampled | N/S      | Sampled                  | Sampled | Sampled                       | Sampled  |
| 70493     | Sampled | Sampled | N/S           | Sampled   | Sampled | N/S      | Sampled                  | Sampled | Sampled                       | Sampled  |
| 77392     | Sampled | Sampled | N/S           | Sampled   | Sampled | N/S      | Sampled                  | Sampled | Sampled                       | Sampled  |
| 891COLGAL | Sampled | Sampled | N/S           | Sampled   | N/S     | N/S      | N/S                      | N/S     | N/S                           | N/S      |
| 891COLWEL | Sampled | Sampled | N/S           | Sampled   | N/S     | N/S      | N/S                      | N/S     | N/S                           | N/S      |
| B206989   | Dry     | Dry     | N/S           | Dry       | Dry     | N/S      | Dry                      | Dry     | Dry                           | Dry      |
| B208289   | Dry     | Dry     | Dry           | Dry       | Dry     | Dry      | Dry                      | Dry     | Dry                           | Dry      |
| B208789   | Sampled | Sampled | Sampled       | Sampled   | Sampled | Sampled  | Sampled                  | Sampled | Sampled                       | Sampled  |
| P209289   | Sampled | Sampled | Sampled       | Sampled   | Sampled | Sampled  | Sampled                  | Sampled | Sampled                       | Sampled  |
| P209489   | Sampled | Sampled | Sampled       | Sampled   | Sampled | Sampled  | Sampled                  | Sampled | Sampled                       | Sampled  |
| P218389   | Sampled | Sampled | Sampled       | Sampled   | Sampled | Sampled  | Sampled                  | Sampled | Sampled                       | Sampled  |
| P219189   | Sampled | Sampled | Insw          | Sampled   | Sampled | Insw     | Sampled                  | Insw    | Insw                          | Insw     |

N/S = Not sampled for this analyte.

Dry = Well did not recharge after purging. No samples collected.

Insw = Insufficient water to collect this analyte.

Table 3-1

RF/RMRS-99-453.UN

## RFCA Groundwater Monitoring Locations and Sample Collection Summary Second Quarter, 1999

| Well #  | VOC's   | Metals  | Radionuclides |           |         |          | Water Quality Parameters |         |                               |          |
|---------|---------|---------|---------------|-----------|---------|----------|--------------------------|---------|-------------------------------|----------|
|         |         |         | Pu/Am         | U-isotope | Tritium | Sr 89/90 | Nitrate                  | TDS     | SO <sub>4</sub> <sup>-2</sup> | Fluoride |
| P219489 | Sampled | Sampled | Insw          | Sampled   | Sampled | Insw     | Sampled                  | Insw    | Insw                          | Insw     |
| P416689 | Sampled | Sampled | Sampled       | Sampled   | N/S     | N/S      | Sampled                  | Sampled | N/S                           | N/S      |
| P416789 | Sampled | Sampled | Sampled       | Sampled   | N/S     | N/S      | Sampled                  | Sampled | N/S                           | N/S      |
| P416889 | Sampled | Sampled | Sampled       | Sampled   | N/S     | N/S      | Sampled                  | Sampled | N/S                           | N/S      |
| SW13494 | Sampled | Sampled | N/S           | Sampled   | N/S     | N/S      | N/S                      | N/S     | N/S                           | N/S      |

N/S = Not sampled for this analyte.

Dry = Well did not recharge after purging. No samples collected.

Insw = Insufficient water to collect this analyte.

Table 3-2

RF/RMRS-99-453.UN

## Second Quarter, 1999 RFCA Groundwater Sample Comparisons With Tier II Action Levels and IMP Reporting Criteria

| Location  | Sample #  | Sample Date | Analyte                   | QC Type | Result Type | Result  | Units | Tier II | Lab Qual | Detect Limit | Dilution | Validation | Tier II Ratio | Background M2SD | Background Ratio | Historic M2SD | Historic Ratio | IMP Well Class  | Reportable Result? |
|-----------|-----------|-------------|---------------------------|---------|-------------|---------|-------|---------|----------|--------------|----------|------------|---------------|-----------------|------------------|---------------|----------------|-----------------|--------------------|
| 02297     | GW06325TE | 5/11/99     | URANIUM-233,-234          | REAL    | TR1         | 8.1685  | PCI/L | 1.06    |          | 0.2219       |          | V1         | 7.7           | 60.70           | 0.13             |               |                | D&D             | No                 |
| 02297     | GW06325TE | 5/11/99     | URANIUM-238               | REAL    | TR1         | 4.1029  | PCI/L | 0.768   |          | 0.1866       |          | V1         | 5.3           | 41.80           | 0.10             |               |                | D&D             | No                 |
| 02497     | GW06327TE | 5/11/99     | AMERICIUM-241             | REAL    | TR1         | 0.2331  | PCI/L | 0.145   |          | 0.0082       |          | V1         | 1.6           |                 |                  | ND            |                | D&D             | No                 |
| 02497     | GW06327TE | 5/11/99     | URANIUM-233,-234          | REAL    | TR1         | 2.599   | PCI/L | 1.06    |          | 0.3427       |          | V1         | 2.5           | 60.70           | 0.04             |               |                | D&D             | No                 |
| 02497     | GW06327TE | 5/11/99     | URANIUM-238               | REAL    | TR1         | 1.0755  | PCI/L | 0.768   |          | 0.2057       |          | V1         | 1.4           | 41.80           | 0.03             |               |                | D&D             | No                 |
| 5587      | GW06341TE | 5/10/99     | URANIUM-233,-234          | REAL    | TR1         | 5.5512  | PCI/L | 1.06    |          | 0.0822       |          | V1         | 5.2           | 60.70           | 0.09             |               |                | Drainage        | No                 |
| 5587      | GW06341TE | 5/10/99     | URANIUM-238               | REAL    | TR1         | 4.2092  | PCI/L | 0.768   |          | 0.1514       |          | V1         | 5.5           | 41.80           | 0.10             |               |                | Drainage        | No                 |
| 00897     | GW06322TE | 5/18/99     | 1,1,2,2-TETRACHLOROETHANE | REAL    | TR1         | 3       | UG/L  | 0.426   |          | 1            | 1        | V1         | 7.0           |                 |                  | ND            |                | Perf Monitoring | No                 |
| 00897     | GW06322TE | 5/18/99     | TETRACHLOROETHENE         | REAL    | TR2         | 19000   | UG/L  | 5       | BD       | 1000         | 1000     | V1         | 3800.0        |                 |                  | ND            |                | Perf Monitoring | No                 |
| 00897     | GW06322TE | 5/18/99     | TRICHLOROETHENE           | REAL    | TR2         | 1700    | UG/L  | 5       | D        | 1000         | 1000     | V1         | 340.0         |                 |                  | ND            |                | Perf Monitoring | No                 |
| 00897     | GW06322TE | 5/18/99     | URANIUM-233,-234          | REAL    | TR1         | 4.2889  | PCI/L | 1.06    |          | 0.2599       |          | V1         | 4.0           | 60.70           | 0.07             |               |                | Perf Monitoring | No                 |
| 00897     | GW06322TE | 5/18/99     | URANIUM-238               | REAL    | TR1         | 2.7154  | PCI/L | 0.768   |          | 0.0968       |          | V1         | 3.5           | 41.80           | 0.06             |               |                | Perf Monitoring | No                 |
| 02291     | GW06324TE | 5/19/99     | TETRACHLOROETHENE         | REAL    | TR2         | 6600    | UG/L  | 5       | BD       | 500          | 500      | V1         | 1320.0        |                 |                  | 4201.94       | 1.57           | Perf Monitoring | No                 |
| 02291     | GW06324TE | 5/19/99     | TRICHLOROETHENE           | REAL    | TR2         | 720     | UG/L  | 5       | D        | 500          | 500      | V1         | 144.0         |                 |                  | 453.73        | 1.59           | Perf Monitoring | No                 |
| 02291     | GW06324TE | 5/19/99     | URANIUM-233,-234          | REAL    | TR1         | 1.6891  | PCI/L | 1.06    |          | 0.1629       |          | V1         | 1.6           | 60.70           | 0.03             |               |                | Perf Monitoring | No                 |
| 02291     | GW06324TE | 5/19/99     | URANIUM-238               | REAL    | TR1         | 1.5259  | PCI/L | 0.768   |          | 0.1629       |          | V1         | 2.0           | 41.80           | 0.04             |               |                | Perf Monitoring | No                 |
| 10592     | GW06342TE | 4/19/99     | SELENIUM                  | REAL    | TR1         | 144     | UG/L  | 50      |          | 1.2          | 1        | V          | 2.9           | 43.72           | 3.29             | 343.94        | 0.42           | Perf Monitoring | No                 |
| 10592     | GW06342TE | 4/19/99     | URANIUM-233,-234          | REAL    | TR1         | 12.7256 | PCI/L | 1.06    |          | 0.0988       |          | V1         | 12.0          | 60.70           | 0.21             |               |                | Perf Monitoring | No                 |
| 10592     | GW06342TE | 4/19/99     | URANIUM-238               | REAL    | TR1         | 9.3646  | PCI/L | 0.768   |          | 0.0536       |          | V1         | 12.2          | 41.80           | 0.22             |               |                | Perf Monitoring | No                 |
| 10792     | GW06343TE | 5/10/99     | SELENIUM                  | REAL    | TR1         | 53.2    | UG/L  | 50      |          | 1.2          | 1        | V1         | 1.1           | 43.72           | 1.22             | 343.94        | 0.15           | Perf Monitoring | No                 |
| 10792     | GW06343TE | 5/10/99     | URANIUM-233,-234          | REAL    | TR1         | 6.4272  | PCI/L | 1.06    |          | 0.2626       |          | V1         | 6.1           | 60.70           | 0.11             |               |                | Perf Monitoring | No                 |
| 10792     | GW06343TE | 5/10/99     | URANIUM-238               | REAL    | TR1         | 5.2345  | PCI/L | 0.768   |          | 0.0978       |          | V1         | 6.8           | 41.80           | 0.13             |               |                | Perf Monitoring | No                 |
| 11092     | GW06344TE | 5/11/99     | SELENIUM                  | REAL    | TR1         | 612     | UG/L  | 50      |          | 1.2          | 1        | 1          | 12.2          | 43.72           | 14.00            | ID            |                | Perf Monitoring | No                 |
| 11891     | GW06345TE | 5/20/99     | CARBON TETRACHLORIDE      | REAL    | TR1         | 310     | UG/L  | 5       |          | 25           | 25       | V1         | 62.0          |                 |                  | 737.11        | 0.42           | Perf Monitoring | No                 |
| 11891     | GW06345TE | 5/20/99     | TETRACHLOROETHENE         | REAL    | TR1         | 150     | UG/L  | 5       |          | 25           | 25       | V1         | 30.0          |                 |                  | 319.91        | 0.47           | Perf Monitoring | No                 |
| 11891     | GW06345TE | 5/20/99     | TRICHLOROETHENE           | REAL    | TR1         | 28      | UG/L  | 5       |          | 25           | 25       | V1         | 5.6           |                 |                  | 407.56        | 0.07           | Perf Monitoring | No                 |
| 11891     | GW06345TE | 5/20/99     | URANIUM-233,-234          | REAL    | TR1         | 2.778   | PCI/L | 1.06    |          | 0.2924       |          | V1         | 2.6           | 60.70           | 0.05             |               |                | Perf Monitoring | No                 |
| 11891     | GW06346TE | 5/20/99     | URANIUM-238               | DUP     | TR1         | 1.5097  | PCI/L | 0.768   |          | 0.1774       |          | V1         | 2.0           | 41.80           | 0.04             |               |                | Perf Monitoring | No                 |
| 12191     | GW06348TE | 6/3/99      | CARBON TETRACHLORIDE      | REAL    | TR2         | 300     | UG/L  | 5       | D        | 25           | 25       | V1         | 60.0          |                 |                  | 435.97        | 0.69           | Perf Monitoring | No                 |
| 12191     | GW06348TE | 6/3/99      | METHYLENE CHLORIDE        | REAL    | TR1         | 19      | UG/L  | 5       | JB       | 10           | 10       | UJ1        | 3.8           |                 |                  | 29.20         | 0.65           | Perf Monitoring | No                 |
| 12191     | GW06348TE | 6/3/99      | TETRACHLOROETHENE         | REAL    | TR2         | 290     | UG/L  | 5       | D        | 25           | 25       | V1         | 58.0          |                 |                  | 486.46        | 0.60           | Perf Monitoring | No                 |
| 12191     | GW06348TE | 6/3/99      | TRICHLOROETHENE           | REAL    | TR1         | 29      | UG/L  | 5       |          | 10           | 10       | V1         | 5.8           |                 |                  | 67.86         | 0.43           | Perf Monitoring | No                 |
| 12191     | GW06348TE | 6/3/99      | URANIUM-233,-234          | REAL    | TR1         | 2.2654  | PCI/L | 1.06    |          | 0.1958       |          | V1         | 2.1           | 60.70           | 0.04             |               |                | Perf Monitoring | No                 |
| 12191     | GW06348TE | 6/3/99      | URANIUM-238               | REAL    | TR1         | 1.0981  | PCI/L | 0.768   |          | 0.1062       |          | V1         | 1.4           | 41.80           | 0.03             |               |                | Perf Monitoring | No                 |
| 15699     | GW06406TE | 4/13/99     | 1,1-DICHLOROETHENE        | REAL    | TR1         | 69      | UG/L  | 7       |          | 50           | 50       | V1         | 9.9           |                 |                  | ND            |                | Perf Monitoring | No                 |
| 15699     | GW06406TE | 4/13/99     | 1,2-DICHLOROETHANE        | REAL    | TR1         | 10      | UG/L  | 5       | J        | 50           | 50       | V1         | 2.0           |                 |                  | ND            |                | Perf Monitoring | No                 |
| 15699     | GW06406TE | 4/13/99     | cis-1,2-DICHLOROETHENE    | REAL    | TR1         | 180     | UG/L  | 70      |          | 50           | 50       | V1         | 2.6           |                 |                  | ND            |                | Perf Monitoring | No                 |
| 15699     | GW06406TE | 4/13/99     | METHYLENE CHLORIDE        | REAL    | TR1         | 16      | UG/L  | 5       | JB       | 50           | 50       | V1         | 3.2           |                 |                  | ND            |                | Perf Monitoring | No                 |
| 15699     | GW06406TE | 4/13/99     | TETRACHLOROETHENE         | REAL    | TR1         | 900     | UG/L  | 5       |          | 50           | 50       | V1         | 180.0         |                 |                  | ND            |                | Perf Monitoring | No                 |
| 15699     | GW06406TE | 4/13/99     | TRICHLOROETHENE           | REAL    | TR2         | 1400    | UG/L  | 5       | D        | 100          | 100      | J1         | 280.0         |                 |                  | ND            |                | Perf Monitoring | No                 |
| 15699     | GW06406TE | 4/13/99     | URANIUM-233,-234          | REAL    | TR1         | 11.5946 | PCI/L | 1.06    |          | 0.1764       |          | V1         | 10.9          | 60.70           | 0.19             |               |                | Perf Monitoring | No                 |
| 15699     | GW06406TE | 4/13/99     | URANIUM-238               | REAL    | TR1         | 9.9201  | PCI/L | 0.768   |          | 0.0657       |          | V1         | 12.9          | 41.80           | 0.24             |               |                | Perf Monitoring | No                 |
| 3687      | GW06339TE | 4/28/99     | CHLOROFORM                | REAL    | TR1         | 280     | UG/L  | 100     | J        | 1000         | 1000     | V1         | 2.8           |                 |                  | 1072.39       | 0.26           | Perf Monitoring | No                 |
| 3687      | GW06339TE | 4/28/99     | METHYLENE CHLORIDE        | REAL    | TR1         | 300     | UG/L  | 5       | BJ       | 1000         | 1000     | JB1        | 60.0          |                 |                  | 369.65        | 0.81           | Perf Monitoring | No                 |
| 3687      | GW06339TE | 4/28/99     | TETRACHLOROETHENE         | REAL    | TR1         | 300     | UG/L  | 5       | J        | 1000         | 1000     | V1         | 60.0          |                 |                  | 814.46        | 0.37           | Perf Monitoring | No                 |
| 3687      | GW06339TE | 4/28/99     | TRICHLOROETHENE           | REAL    | TR1         | 18000   | UG/L  | 5       |          | 1000         | 1000     | V1         | 3600.0        |                 |                  | 91325.32      | 0.20           | Perf Monitoring | No                 |
| 3687      | GW06339TE | 4/28/99     | URANIUM-233,-234          | REAL    | TR1         | 1.7606  | PCI/L | 1.06    |          | 0.2005       |          | V1         | 1.7           | 60.70           | 0.03             |               |                | Perf Monitoring | No                 |
| 3687      | GW06339TE | 4/28/99     | URANIUM-238               | REAL    | TR1         | 1.2939  | PCI/L | 0.768   |          | 0.1031       |          | V1         | 1.7           | 41.80           | 0.03             |               |                | Perf Monitoring | No                 |
| 891COLGAL | GW06410TE | 5/10/99     | LEAD                      | REAL    | TR1         | 29.2    | UG/L  | 15      |          | 0.72         | 1        | J1         | 1.9           | 11.01           | 2.65             | 11.53         | 2.53           | Perf Monitoring | No                 |
| 891COLGAL | GW06410TE | 5/10/99     | URANIUM-233,-234          | REAL    | TR1         | 6.8506  | PCI/L | 1.06    |          | 0.2072       |          | V1         | 6.5           | 60.70           | 0.11             |               |                | Perf Monitoring | No                 |
| 891COLGAL | GW06410TE | 5/10/99     | URANIUM-238               | REAL    | TR1         | 4.0056  | PCI/L | 0.768   |          | 0.243        |          | V1         | 5.2           | 41.80           | 0.10             |               |                | Perf Monitoring | No                 |
| 891COLWEL | GW06409TE | 5/11/99     | CARBON TETRACHLORIDE      | REAL    | TR1         | 6       | UG/L  | 5       | J        | 20           | 20       | V1         | 1.2           |                 |                  | 35.42         | 0.17           | Perf Monitoring | No                 |

ND = Location has no historic data prior to 1995

ID = Location has insufficient data to calculate historic mean for 1991-1995

Table 3-2

RF/RMRS-99-453.UN

## Second Quarter, 1999 RFCA Groundwater Sample Comparisons With Tier II Action Levels and IMP Reporting Criteria

| Location  | Sample #  | Sample Date | Analyte                 | QC Type | Result Type | Result  | Units | Tier II | Lab Qual | Detect Limit | Dilution | Validation | Tier II Ratio | Background M2SD | Background Ratio | Historic M2SD | Historic Ratio | IMP Well Class   | Reportable Result? |
|-----------|-----------|-------------|-------------------------|---------|-------------|---------|-------|---------|----------|--------------|----------|------------|---------------|-----------------|------------------|---------------|----------------|------------------|--------------------|
| 891COLWEL | GW06409TE | 5/11/99     | METHYLENE CHLORIDE      | REAL    | TR1         | 10      | UG/L  | 5       | BJ       | 20           | 20       | J1         | 2.0           |                 |                  | 23.24         | 0.43           | Perf Monitoring  | No                 |
| 891COLWEL | GW06409TE | 5/11/99     | SELENIUM                | REAL    | TR1         | 556     | UG/L  | 50      | U        | 1.2          | 1        | V1         | 11.1          | 43.72           | 12.72            | 924.05        | 0.60           | Perf Monitoring  | No                 |
| 891COLWEL | GW06409TE | 5/11/99     | TETRACHLOROETHENE       | REAL    | TR1         | 54      | UG/L  | 5       |          | 20           | 20       | V1         | 10.8          |                 |                  | 154.00        | 0.35           | Perf Monitoring  | No                 |
| 891COLWEL | GW06409TE | 5/11/99     | TRICHLOROETHENE         | REAL    | TR1         | 390     | UG/L  | 5       |          | 20           | 20       | V1         | 78.0          |                 |                  | 1234.43       | 0.32           | Perf Monitoring  | No                 |
| 891COLWEL | GW06409TE | 5/11/99     | URANIUM-233,-234        | REAL    | TR1         | 10.2159 | PCI/L | 1.06    |          | 0.1977       |          | V1         | 9.6           | 60.70           | 0.17             |               |                | Perf Monitoring  | No                 |
| 891COLWEL | GW06409TE | 5/11/99     | URANIUM-238             | REAL    | TR1         | 8.0046  | PCI/L | 0.768   |          | 0.1481       |          | V1         | 10.4          | 41.80           | 0.19             |               |                | Perf Monitoring  | No                 |
| SW13494   | GW06408TE | 5/10/99     | TETRACHLOROETHENE       | REAL    | TR1         | 19      | UG/L  | 5       |          | 1            | 1        | V1         | 3.8           |                 |                  | ID            |                | Perf Monitoring  | Yes                |
| SW13494   | GW06408TE | 5/10/99     | URANIUM-233,-234        | REAL    | TR1         | 3.8974  | PCI/L | 1.06    |          | 0.2069       |          | V1         | 3.7           | 60.70           | 0.06             |               |                | Perf Monitoring  | No                 |
| SW13494   | GW06408TE | 5/10/99     | URANIUM-238             | REAL    | TR1         | 2.7302  | PCI/L | 0.768   |          | 0.077        |          | V1         | 3.6           | 41.80           | 0.07             |               |                | Perf Monitoring  | No                 |
| 2987      | GW06336TE | 5/13/99     | ANTIMONY                | REAL    | TR1         | 8.5     | UG/L  | 6       |          | 0.48         | 1        | V1         | 1.4           | 39.54           | 0.21             | 59.60         | 0.14           | Plume Definition | No                 |
| 2987      | GW06336TE | 5/13/99     | CHROMIUM                | REAL    | TR1         | 5020    | UG/L  | 100     |          | 0.15         | 1        | V1         | 50.2          | 12.44           | 403.54           | 18.88         | 265.89         | Plume Definition | No                 |
| 2987      | GW06336TE | 5/13/99     | MOLYBDENUM              | REAL    | TR1         | 334     | UG/L  | 183     | B        | 0.3          | 1        | V1         | 1.8           | 87.52           | 3.82             | 75.98         | 4.40           | Plume Definition | No                 |
| 2987      | GW06336TE | 5/13/99     | NICKEL                  | REAL    | TR1         | 1760    | UG/L  | 140     |          | 0.3          | 1        | V1         | 12.6          | 21.37           | 82.36            | 1742.00       | 1.01           | Plume Definition | No                 |
| 2987      | GW06336TE | 5/13/99     | NITRATE/NITRITE         | REAL    | TR1         | 13      | MG/L  | 10      |          | 0.05         | 10       | V          | 1.3           | 4.66            | 2.79             | ID            |                | Plume Definition | No                 |
| 2987      | GW06336TE | 5/13/99     | SELENIUM                | REAL    | TR1         | 306     | UG/L  | 50      | U        | 1.2          | 1        | V1         | 6.1           | 43.72           | 7.00             | 406.00        | 0.75           | Plume Definition | No                 |
| 2987      | GW06336TE | 5/13/99     | SULFATE                 | REAL    | TR1         | 680     | MG/L  | 500     |          | 1            | 10       | V          | 1.4           | 435.60          | 1.56             | 690.31        | 0.99           | Plume Definition | No                 |
| 2987      | GW06336TE | 5/13/99     | URANIUM-233,-234        | REAL    | TR1         | 13.6396 | PCI/L | 1.06    |          | 0.2138       |          | V1         | 12.9          | 60.70           | 0.22             |               |                | Plume Definition | No                 |
| 2987      | GW06336TE | 5/13/99     | URANIUM-238             | REAL    | TR1         | 9.2001  | PCI/L | 0.768   |          | 0.0796       |          | V1         | 12.0          | 41.80           | 0.22             |               |                | Plume Definition | No                 |
| 77392     | GW06377TE | 5/5/99      | FLUORIDE                | REAL    | TR1         | 5.8     | MG/L  | 4       |          | 0.05         | 5        | V1         | 1.5           | 1.55            | 3.74             | ID            |                | Plume Definition | No                 |
| 77392     | GW06377TE | 5/5/99      | URANIUM-233,-234        | REAL    | TR1         | 13.2605 | PCI/L | 1.06    |          | 0.174        |          | V1         | 12.5          | 60.70           | 0.22             |               |                | Plume Definition | No                 |
| 77392     | GW06377TE | 5/5/99      | URANIUM-238             | REAL    | TR1         | 9.3994  | PCI/L | 0.768   |          | 0.1463       |          | V1         | 12.2          | 41.80           | 0.22             |               |                | Plume Definition | No                 |
| P209289   | GW06380TE | 5/4/99      | CARBON TETRACHLORIDE    | REAL    | TR1         | 58      | UG/L  | 5       |          | 5            | 5        | V1         | 11.6          |                 |                  | ID            |                | Plume Definition | No                 |
| P209289   | GW06380TE | 5/4/99      | URANIUM-233,-234        | REAL    | TR1         | 1.1831  | PCI/L | 1.06    |          | 0.1132       |          | V1         | 1.1           | 60.70           | 0.02             |               |                | Plume Definition | No                 |
| P209289   | GW06380TE | 5/4/99      | URANIUM-238             | REAL    | TR1         | 0.9335  | PCI/L | 0.768   | J        | 0.0421       |          | V1         | 1.2           | 41.80           | 0.02             |               |                | Plume Definition | No                 |
| P209489   | GW06381TE | 5/12/99     | CARBON TETRACHLORIDE    | REAL    | TR1         | 55      | UG/L  | 5       |          | 4            | 4        | V1         | 11.0          |                 |                  | 83.26         | 0.66           | Plume Definition | No                 |
| P209489   | GW06381TE | 5/12/99     | cis-1,3-DICHLOROPROPENE | REAL    | TR1         | 4       | UG/L  | 473     | J        | 4            | 4        | V1         | 8.5           |                 |                  | 7.78          | 0.51           | Plume Definition | No                 |
| P209489   | GW06381TE | 5/12/99     | NITRATE/NITRITE         | REAL    | TR1         | 130     | MG/L  | 10      |          | 0.05         | 200      | V          | 13.0          | 4.66            | 27.90            | 316.24        | 0.41           | Plume Definition | Yes                |
| P209489   | GW06381TE | 5/12/99     | URANIUM-233,-234        | REAL    | TR1         | 15.521  | PCI/L | 1.06    |          | 0.1811       |          | V1         | 14.6          | 60.70           | 0.26             |               |                | Plume Definition | No                 |
| P209489   | GW06381TE | 5/12/99     | URANIUM-238             | REAL    | TR1         | 13.2453 | PCI/L | 0.768   |          | 0.264        |          | V1         | 17.2          | 41.80           | 0.32             |               |                | Plume Definition | No                 |
| P219189   | GW06383TE | 5/3/99      | 1,1-DICHLOROETHENE      | REAL    | TR1         | 23      | UG/L  | 7       |          | 1            | 1        | V1         | 3.3           |                 |                  | 46.76         | 0.49           | Plume Definition | No                 |
| P219189   | GW06383TE | 5/3/99      | URANIUM-233,-234        | REAL    | TR1         | 58.9974 | PCI/L | 1.06    |          | 0.2457       |          | V1         | 55.7          | 60.70           | 0.97             |               |                | Plume Definition | No                 |
| P219189   | GW06383TE | 5/3/99      | URANIUM-235             | REAL    | TR1         | 1.7335  | PCI/L | 1.01    |          | 0.2066       |          | V1         | 1.7           | 1.79            | 0.97             |               |                | Plume Definition | No                 |
| P219189   | GW06383TE | 5/3/99      | URANIUM-238             | REAL    | TR1         | 43.5801 | PCI/L | 0.768   |          | 0.1121       |          | V1         | 56.7          | 41.80           | 1.04             | ID            |                | Plume Definition | No                 |
| P416789   | GW06386TE | 4/26/99     | TRICHLOROETHENE         | REAL    | TR1         | 6       | UG/L  | 5       |          | 1            | 1        | V1         | 1.2           |                 |                  | 26.19         | 0.23           | Plume Definition | No                 |
| P416789   | GW06386TE | 4/26/99     | URANIUM-233,-234        | REAL    | TR1         | 1.3009  | PCI/L | 1.06    |          | 0.1009       |          | V1         | 1.2           | 60.70           | 0.02             |               |                | Plume Definition | No                 |
| P416889   | GW06387TE | 5/17/99     | TETRACHLOROETHENE       | REAL    | TR2         | 46      | UG/L  | 5       | D        | 2            | 2        | V1         | 9.2           |                 |                  | 77.70         | 0.59           | Plume Definition | No                 |
| P416889   | GW06387TE | 5/17/99     | URANIUM-233,-234        | REAL    | TR1         | 1.3018  | PCI/L | 1.06    |          | 0.2481       |          | V1         | 1.2           | 60.70           | 0.02             |               |                | Plume Definition | No                 |
| 00397     | GW06321TE | 5/5/99      | URANIUM-233,-234        | REAL    | TR1         | 14.1016 | PCI/L | 1.06    |          | 0.1364       |          | V1         | 13.3          | 60.70           | 0.23             |               |                | Plume Extent     | No                 |
| 00397     | GW06321TE | 5/5/99      | URANIUM-238             | REAL    | TR1         | 9.8586  | PCI/L | 0.768   |          | 0.0936       |          | V1         | 12.8          | 41.80           | 0.24             |               |                | Plume Extent     | No                 |
| 02197     | GW06323TE | 5/25/99     | NITRATE/NITRITE         | REAL    | TR1         | 13      | MG/L  | 10      |          | 0.05         | 10       | V          | 1.3           | 4.66            | 2.79             | ND            |                | Plume Extent     | Yes                |
| 04091     | GW06328TE | 4/13/99     | URANIUM-233,-234        | REAL    | TR1         | 2.25    | PCI/L | 1.06    |          | 0.1356       |          | V1         | 2.1           | 60.70           | 0.04             |               |                | Plume Extent     | No                 |
| 04091     | GW06328TE | 4/13/99     | URANIUM-238             | REAL    | TR1         | 1.1821  | PCI/L | 0.768   |          | 0.114        |          | V1         | 1.5           | 41.80           | 0.03             |               |                | Plume Extent     | No                 |
| 04991     | GW06329TE | 6/3/99      | URANIUM-233,-234        | REAL    | TR1         | 4.1506  | PCI/L | 1.06    |          | 0.1805       |          | V1         | 3.9           | 60.70           | 0.07             |               |                | Plume Extent     | No                 |
| 04991     | GW06329TE | 6/3/99      | URANIUM-238             | REAL    | TR1         | 2.5679  | PCI/L | 0.768   |          | 0.098        |          | V1         | 3.3           | 41.80           | 0.06             |               |                | Plume Extent     | No                 |
| 06091     | GW06330TE | 5/12/99     | CARBON TETRACHLORIDE    | REAL    | TR1         | 5       | UG/L  | 5       |          | 1            | 1        | V1         | 1.0           |                 |                  | 4.44          | 1.13           | Plume Extent     | Yes                |
| 06091     | GW06417TE | 6/14/99     | CARBON TETRACHLORIDE    | REAL    | TR1         | 6       | UG/L  | 5       |          | 1            | 1        | V1         | 1.2           |                 |                  | 4.44          | 1.35           | Plume Extent     | Yes                |
| 06091     | GW06330TE | 5/12/99     | URANIUM-233,-234        | REAL    | TR1         | 2.8437  | PCI/L | 1.06    |          | 0.2248       |          | V1         | 2.7           | 60.70           | 0.05             |               |                | Plume Extent     | No                 |
| 06091     | GW06330TE | 5/12/99     | URANIUM-238             | REAL    | TR1         | 1.3829  | PCI/L | 0.768   |          | 0.1542       |          | V1         | 1.8           | 41.80           | 0.03             |               |                | Plume Extent     | No                 |
| 1386      | GW06332TE | 5/18/99     | NICKEL                  | REAL    | TR1         | 371     | UG/L  | 140     |          | 0.3          | 1        | V1         | 2.7           | 21.37           | 17.36            | 351.01        | 1.06           | Plume Extent     | Yes                |
| 1386      | GW06332TE | 5/18/99     | URANIUM-233,-234        | REAL    | TR1         | 6.6844  | PCI/L | 1.06    |          | 0.2905       |          | V1         | 6.3           | 60.70           | 0.11             |               |                | Plume Extent     | No                 |
| 1386      | GW06332TE | 5/18/99     | URANIUM-238             | REAL    | TR1         | 5.7906  | PCI/L | 0.768   |          | 0.1856       |          | V1         | 7.5           | 41.80           | 0.14             |               |                | Plume Extent     | No                 |
| 1786      | GW06333TE | 5/11/99     | NITRATE/NITRITE         | REAL    | TR1         | 410     | MG/L  | 10      |          | 0.05         | 500      | V          | 41.0          | 4.66            | 87.98            | 689.31        | 0.59           | Plume Extent     | Yes                |

ND = Location has no historic data prior to 1995

ID = Location has insufficient data to calculate historic mean for 1991-1995

**Table 3-2**  
**Second Quarter, 1999 RFCA Groundwater Sample Comparisons With Tier II Action Levels and IMP Reporting Criteria**

RF/RMRS-99-453.UN

| Location  | Sample #  | Sample Date | Analyte            | QC Type | Result Type | Result  | Units | Tier II | Lab Qual | Detect Limit | Dilution | Validation | Tier II Ratio | Background M2SD | Background Ratio | Historic M2SD | Historic Ratio | IMP Well Class | Reportable Result? |
|---|-----------|-------------|--------------------|---------|-------------|---------|-------|---------|----------|--------------|----------|------------|---------------|-----------------|------------------|---------------|----------------|----------------|--------------------|
| 1786  | GW06333TE | 5/11/99     | SELENIUM           | REAL    | TR1         | 243     | UG/L  | 50      | U        | 1.2          | 1        | V1         | 4.9           | 43.72           | 5.56             | 290.81        | 0.84           | Plume Extent   | Yes                |
| 1786  | GW06333TE | 5/11/99     | URANIUM-233,-234   | REAL    | TR1         | 33.7918 | PCI/L | 1.06    |          | 0.1438       |          | V1         | 31.9          | 60.70           | 0.56             |               |                | Plume Extent   | No                 |
| 1786  | GW06333TE | 5/11/99     | URANIUM-235        | REAL    | TR1         | 1.1271  | PCI/L | 1.01    |          | 0.078        |          | V1         | 1.1           | 1.79            | 0.63             |               |                | Plume Extent   | No                 |
| 1786  | GW06333TE | 5/11/99     | URANIUM-238        | REAL    | TR1         | 27.402  | PCI/L | 0.768   |          | 0.078        |          | V1         | 35.7          | 41.80           | 0.66             |               |                | Plume Extent   | No                 |
| 1986  | GW06334TE | 6/7/99      | MANGANESE          | REAL    | TR1         | 3690    | UG/L  | 1720    |          | 0.05         | 1        | V          | 2.1           | 163.33          | 22.59            | 3304.00       | 1.12           | Plume Extent   | Yes                |
| 1986  | GW06334TE | 6/7/99      | URANIUM-233,-234   | REAL    | TR1         | 3.4105  | PCI/L | 1.06    |          | 0.1248       |          | V1         | 3.2           | 60.70           | 0.06             |               |                | Plume Extent   | No                 |
| 1986  | GW06334TE | 6/7/99      | URANIUM-238        | REAL    | TR1         | 1.7052  | PCI/L | 0.768   |          | 0.1248       |          | V1         | 2.2           | 41.80           | 0.04             |               |                | Plume Extent   | No                 |
| 2186  | GW06335TE | 6/9/99      | URANIUM-233,-234   | REAL    | TR1         | 1.5361  | PCI/L | 1.06    |          | 0.3176       |          | V1         | 1.4           | 60.70           | 0.03             |               |                | Plume Extent   | No                 |
| 2186  | GW06335TE | 6/9/99      | URANIUM-238        | REAL    | TR1         | 0.935   | PCI/L | 0.768   | J        | 0.1812       |          | V1         | 1.2           | 41.80           | 0.02             |               |                | Plume Extent   | No                 |
| 22796   | GW06375TE | 6/9/99      | TRICHLOROETHENE    | REAL    | TR1         | 10      | UG/L  | 5       |          | 1            | 1        | V          | 2.0           |                 |                  | ND            |                | Plume Extent   | Yes                |
| 22796   | GW06375TE | 6/9/99      | URANIUM-233,-234   | REAL    | TR1         | 3.2436  | PCI/L | 1.06    |          | 0.2659       |          | V1         | 3.1           | 60.70           | 0.05             |               |                | Plume Extent   | No                 |
| 22796   | GW06375TE | 6/9/99      | URANIUM-238        | REAL    | TR1         | 2.6051  | PCI/L | 0.768   |          | 0.2659       |          | V1         | 3.4           | 41.80           | 0.06             |               |                | Plume Extent   | No                 |
| 3386  | GW06338TE | 5/4/99      | URANIUM-233,-234   | REAL    | TR1         | 4.4037  | PCI/L | 1.06    |          | 0.094        |          | V1         | 4.2           | 60.70           | 0.07             |               |                | Plume Extent   | No                 |
| 3386  | GW06338TE | 5/4/99      | URANIUM-238        | REAL    | TR1         | 2.5055  | PCI/L | 0.768   |          | 0.051        |          | V1         | 3.3           | 41.80           | 0.06             |               |                | Plume Extent   | No                 |
| 3586  | GW06389TE | 4/28/99     | URANIUM-233,-234   | DUP     | TR1         | 3.3766  | PCI/L | 1.06    |          | 0.1379       |          | V1         | 3.2           | 60.70           | 0.06             |               |                | Plume Extent   | No                 |
| 3586  | GW06389TE | 4/28/99     | URANIUM-238        | DUP     | TR1         | 2.7499  | PCI/L | 0.768   |          | 0.0513       |          | V1         | 3.6           | 41.80           | 0.07             |               |                | Plume Extent   | No                 |
| 5387  | GW06340TE | 4/19/99     | URANIUM-233,-234   | REAL    | TR1         | 8.2127  | PCI/L | 1.06    |          | 0.0557       |          | V1         | 7.7           | 60.70           | 0.14             |               |                | Plume Extent   | No                 |
| 5387  | GW06340TE | 4/19/99     | URANIUM-238        | REAL    | TR1         | 5.5368  | PCI/L | 0.768   |          | 0.0557       |          | V1         | 7.2           | 41.80           | 0.13             |               |                | Plume Extent   | No                 |
| B208789   | GW06379TE | 4/26/99     | URANIUM-233,-234   | REAL    | TR1         | 11.5208 | PCI/L | 1.06    |          | 0.113        |          | V1         | 10.9          | 60.70           | 0.19             |               |                | Plume Extent   | No                 |
| B208789   | GW06379TE | 4/26/99     | URANIUM-238        | REAL    | TR1         | 9.0487  | PCI/L | 0.768   |          | 0.1007       |          | V1         | 11.8          | 41.80           | 0.22             |               |                | Plume Extent   | No                 |
| P218389   | GW06382TE | 5/3/99      | URANIUM-238        | REAL    | TR1         | 0.9142  | PCI/L | 0.768   | J        | 0.1414       |          | V1         | 1.2           | 41.80           | 0.02             |               |                | Plume Extent   | No                 |
| P219489   | GW06384TE | 5/4/99      | NITRATE/NITRITE    | REAL    | TR1         | 45      | MG/L  | 10      |          | 0.05         | 100      | V1         | 4.5           | 4.66            | 9.66             | 51.57         | 0.87           | Plume Extent   | Yes                |
| P219489   | GW06384TE | 5/4/99      | URANIUM-233,-234   | REAL    | TR1         | 5.9767  | PCI/L | 1.06    |          | 0.3303       |          | V1         | 5.6           | 60.70           | 0.10             |               |                | Plume Extent   | No                 |
| P219489   | GW06384TE | 5/4/99      | URANIUM-238        | REAL    | TR1         | 3.162   | PCI/L | 0.768   |          | 0.1884       |          | V1         | 4.1           | 41.80           | 0.08             |               |                | Plume Extent   | No                 |
| P416689   | GW06385TE | 4/26/99     | NICKEL             | REAL    | TR1         | 155     | UG/L  | 140     |          | 0.3          | 1        | V1         | 1.1           | 21.37           | 7.25             | ID            |                | Plume Extent   | Yes                |
| P416689   | GW06385TE | 4/26/99     | URANIUM-233,-234   | REAL    | TR1         | 3.0163  | PCI/L | 1.06    |          | 0.1372       |          | V1         | 2.8           | 60.70           | 0.05             |               |                | Plume Extent   | No                 |
| P416689   | GW06385TE | 4/26/99     | URANIUM-238        | REAL    | TR1         | 0.8603  | PCI/L | 0.768   | J        | 0.0475       |          | V1         | 1.1           | 41.80           | 0.02             |               |                | Plume Extent   | No                 |
| 4087  | GW06391TE | 5/5/99      | URANIUM-233,-234   | REAL    | TR1         | 16.3356 | PCI/L | 1.06    |          | 0.1099       |          | V1         | 15.4          | 60.70           | 0.27             |               |                | RCRA           | No                 |
| 4087  | GW06391TE | 5/5/99      | URANIUM-238        | REAL    | TR1         | 11.4748 | PCI/L | 0.768   |          | 0.1602       |          | V1         | 14.9          | 41.80           | 0.27             |               |                | RCRA           | No                 |
| 52894   | GW06395TE | 5/5/99      | URANIUM-233,-234   | REAL    | TR1         | 14.5489 | PCI/L | 1.06    |          | 0.3211       |          | V1         | 13.7          | 60.70           | 0.24             |               |                | RCRA           | No                 |
| 52894   | GW06395TE | 5/5/99      | URANIUM-238        | REAL    | TR1         | 10.9386 | PCI/L | 0.768   |          | 0.165        |          | V1         | 14.2          | 41.80           | 0.26             |               |                | RCRA           | No                 |
| 70393   | GW06400TE | 5/18/99     | 1,1-DICHLOROETHENE | REAL    | TR1         | 12      | UG/L  | 7       |          | 1            | 1        | V1         | 1.7           |                 |                  | 20.72         | 0.58           | RCRA           | Yes                |
| 70393   | GW06400TE | 5/18/99     | TETRACHLOROETHENE  | REAL    | TR1         | 6       | UG/L  | 5       |          | 1            | 1        | V1         | 1.2           |                 |                  | 8.88          | 0.68           | RCRA           | Yes                |
| 70393   | GW06400TE | 5/18/99     | TRICHLOROETHENE    | REAL    | TR1         | 17      | UG/L  | 5       |          | 1            | 1        | V1         | 3.4           |                 |                  | 36.33         | 0.47           | RCRA           | Yes                |
| Abbreviations   |           |             |                    |         |             |         |       |         |          |              |          |            |               |                 |                  |               |                |                |                    |
| TR1 = First analytical run  |           |             |                    |         |             |         |       |         |          |              |          |            |               |                 |                  |               |                |                |                    |
| TR2 = Second analytical run, usually implies dilution (also DL1, DIL)                           |           |             |                    |         |             |         |       |         |          |              |          |            |               |                 |                  |               |                |                |                    |
| TR3 = Third analytical run, etc.  |           |             |                    |         |             |         |       |         |          |              |          |            |               |                 |                  |               |                |                |                    |
| B = analyte present in both sample and method blank (MB) (organics)                             |           |             |                    |         |             |         |       |         |          |              |          |            |               |                 |                  |               |                |                |                    |
| B = detected concentration less than contract required detection limit (CRDL)                   |           |             |                    |         |             |         |       |         |          |              |          |            |               |                 |                  |               |                |                |                    |
| but above instrument detection limit (IDL) (metals & other inorganics)                          |           |             |                    |         |             |         |       |         |          |              |          |            |               |                 |                  |               |                |                |                    |
| B = activity in the method blank exceeded the minimal detectable activity (MDA) (radionuclides) |           |             |                    |         |             |         |       |         |          |              |          |            |               |                 |                  |               |                |                |                    |
| D = sample run at a dilution (organics)   |           |             |                    |         |             |         |       |         |          |              |          |            |               |                 |                  |               |                |                |                    |
| J = positively identified below sample quantification limit (SQL), result estimated (organics)  |           |             |                    |         |             |         |       |         |          |              |          |            |               |                 |                  |               |                |                |                    |
| J = estimated quantification (inorganics & radionuclides)                                       |           |             |                    |         |             |         |       |         |          |              |          |            |               |                 |                  |               |                |                |                    |
| U = target analyte not detected (all analytes)  |           |             |                    |         |             |         |       |         |          |              |          |            |               |                 |                  |               |                |                |                    |
| Validation/Verification Qualifiers*   |           |             |                    |         |             |         |       |         |          |              |          |            |               |                 |                  |               |                |                |                    |
| V/V1 = Valid  |           |             |                    |         |             |         |       |         |          |              |          |            |               |                 |                  |               |                |                |                    |
| J/J1 = estimated  |           |             |                    |         |             |         |       |         |          |              |          |            |               |                 |                  |               |                |                |                    |
| NJ/NJ1 = presumptively estimated  |           |             |                    |         |             |         |       |         |          |              |          |            |               |                 |                  |               |                |                |                    |
| U/U1 = estimated at an elevated level of detection  |           |             |                    |         |             |         |       |         |          |              |          |            |               |                 |                  |               |                |                |                    |
| R/R1 = rejected   |           |             |                    |         |             |         |       |         |          |              |          |            |               |                 |                  |               |                |                |                    |
| (list in order from highest confidence to lowest)   |           |             |                    |         |             |         |       |         |          |              |          |            |               |                 |                  |               |                |                |                    |
| *Validation is a more thorough review of the laboratory package than verification.              |           |             |                    |         |             |         |       |         |          |              |          |            |               |                 |                  |               |                |                |                    |

ND = Location has no historic data prior to 1995

ID = Location has insufficient data to calculate historic mean for 1991-1995

2Q99 Table 3-2.xls

## 4.0 REQUIRED ACTIONS

As a consequence of the data collected during the second quarter of 1999 only Plume Extent well 02197 must be placed on a 3-month sampling schedule. This well is to be monitored for nitrate/nitrite. The decision criteria from the IMP dictate the required actions to be taken after a reportable result. The required action for each type of well can be found in the Methods Section (Section 2.0).

### Required Monitoring- Completed

Based on reporting in the 1998 Fourth Quarter RFCA Groundwater Monitoring Report (RMRS, 1999a) Plume extent well 06091 had reportable quantities of carbon tetrachloride, methylene chloride and nitrate/nitrite. The results for these compounds were above Tier II Action Levels. The carbon tetrachloride, methylene chloride and nitrate/nitrite results were also above their historic M2SDs. Analysis of the results required the collection of monthly samples for these analytes in May, June, and July of 1999. These sampling events show that the carbon tetrachloride continues to be above both the Tier II Action Level and historic M2SD for the well (Figure 2-3). This report constitutes notification of the high carbon tetrachloride values. The values for both methylene chloride (Figure 2-51) and nitrate/nitrite (Figure 2-52) have fallen back down below the Tier II levels in all three monthly sampling events (see appendix for values from May and June 1999, July will be reported in the Third Quarter.)

### Required Monitoring- Ongoing

Based on reporting in the 1999 First Quarter RFCA Groundwater Monitoring Report (RMRS, 1999b) the following wells have been sampled. Results for the samples will be discussed in the 1999 Third Quarter Groundwater Report.

Manganese samples from Boundary well 0386 were collected in September, October and November 1999.

Monthly nickel samples from Boundary well 41591 were collected in August, September and October 1999.

Manganese samples from Drainage well 00997 were collected in August, September and October 1999.

Carbon Tetrachloride samples from Plume Extent well 22696 were collected in August and October 1999. Although an attempt was made in September 1999 the well was dry. Results for the 2 successful sampling events will be discussed.

## 5.0 REFERENCES

- CDPHE, 1996. Letter from Steve Tarlton to Steven W. Slaten, November 19, 1996.
- CDPHE, 1998. Groundwater VOC Sample Preservation Policy, June 22, 1998.
- DOE, 1993. Background Geochemical Characterization Report, September 30, 1993.
- DOE, 1997. Background Comparison for Radionuclides in Groundwater, Draft, January 1997.
- DOE, 1998. Integrated Monitoring Plan, October 1998.
- EPA, 1992. *Guidance for Data Usability in Risk Assessment, Final*, EPA, 9285.7-09A.
- EPA, CDPHE, DOE, 1996. Final Rocky Flats Cleanup Agreement, July 19, 1996.
- EPA, 1996. Letter from Tim Rehder to Steven Slaten, RE: Monitoring Well List, November 14, 1996.
- Kaiser-Hill, 1999. Final Rocky Flats Cleanup Agreement, Attachment 5, Action Levels and Standards for Surface Water, Ground Water, and Soils, dated May 17, 1999, Submitted for public comment on July 28, 1999.
- RMRS, 1999a. 1998 Fourth Quarter RFCA Groundwater Monitoring Report for Rocky Flats Environmental Technology Site, May 1999.
- RMRS, 1999b. 1999First Quarter RFCA Groundwater Monitoring Report for Rocky Flats Environmental Technology Site, August 1999.

**6.0 FIGURES**

**Trend Plots For Selected Analytes and Wells**  
**Second Quarter, 1999**

RF/RMRS-99-453.UN

Fig. 2-1

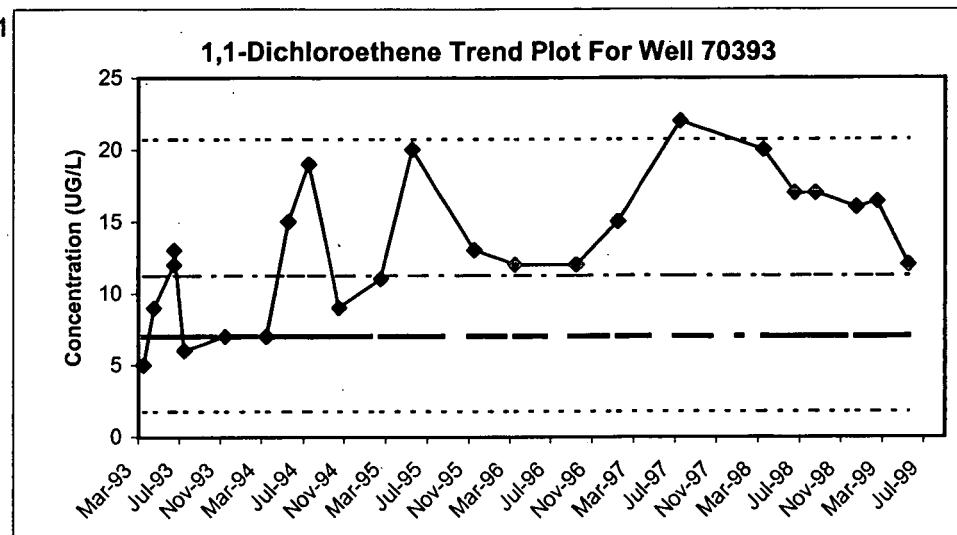


Fig. 2-2

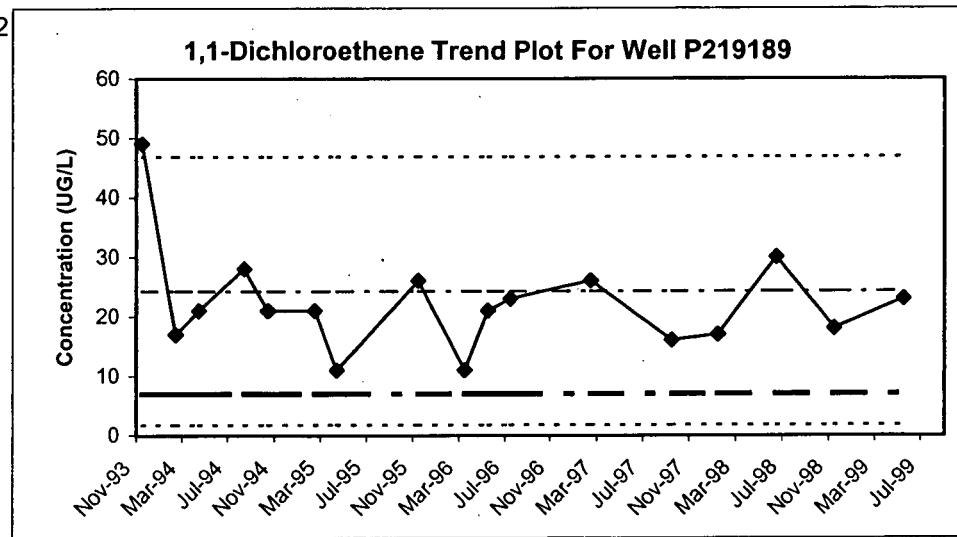
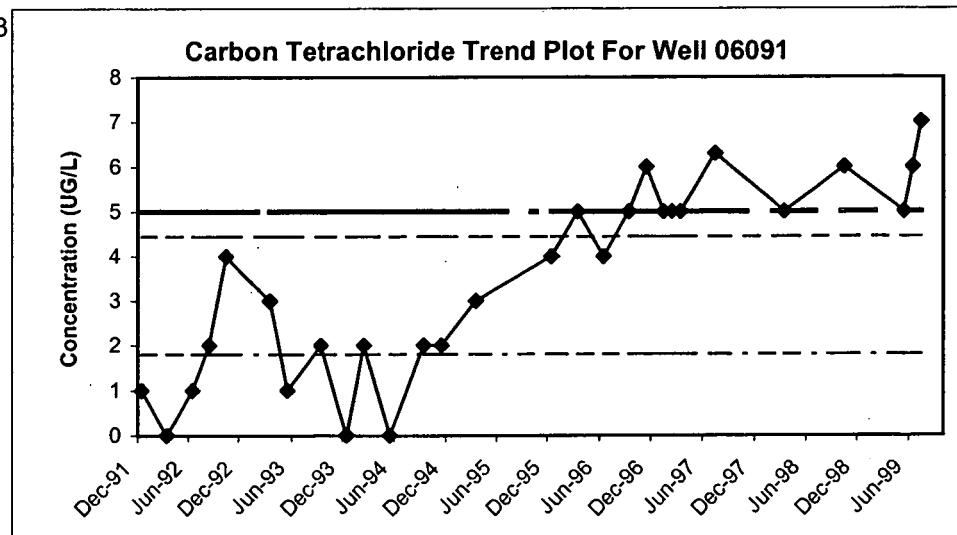


Fig. 2-3



Heavy dashed lines = Tier II Action Level  
Light dashed lines = Historic Mean + 2SD

**Trend Plots For Selected Analytes and Wells**  
**Second Quarter, 1999**

RF/RMRS-99-453.UN

Fig. 2-4

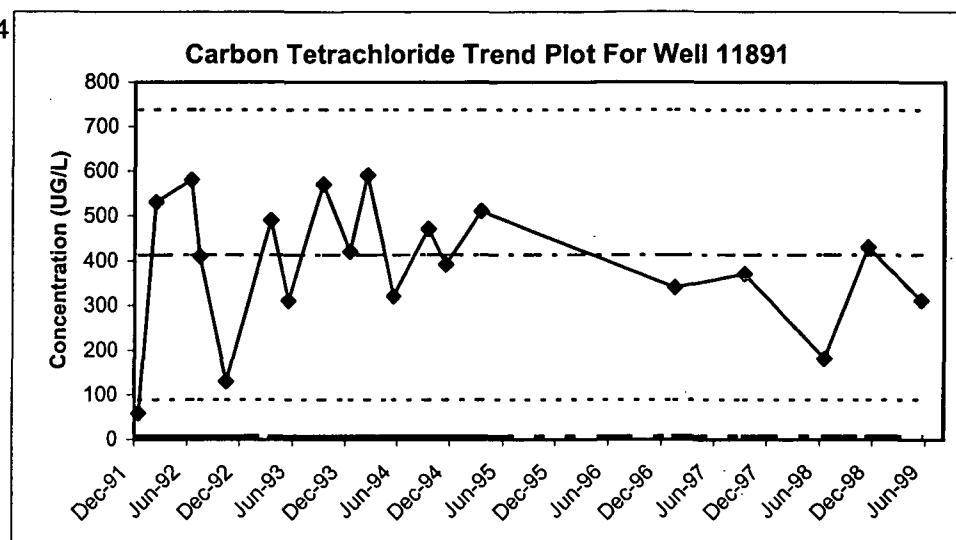


Fig. 2-5

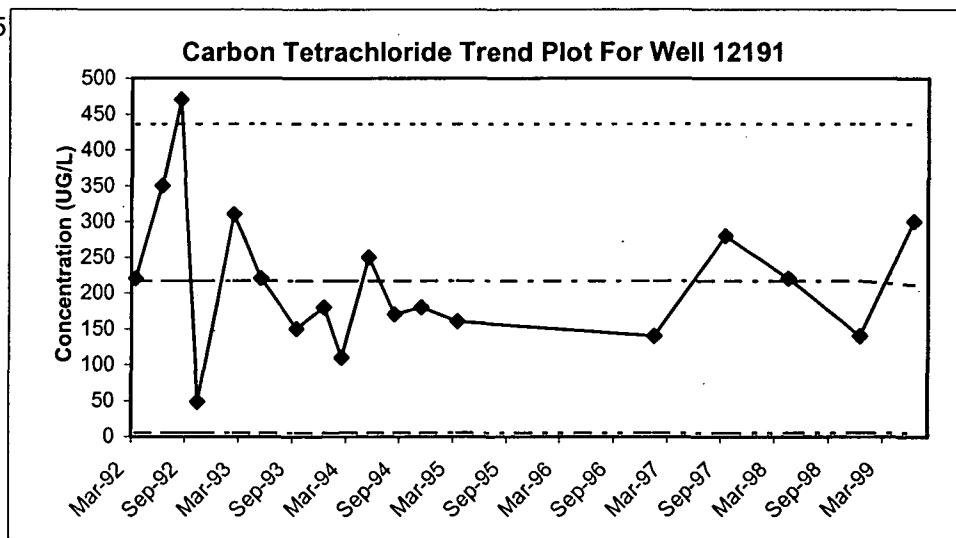
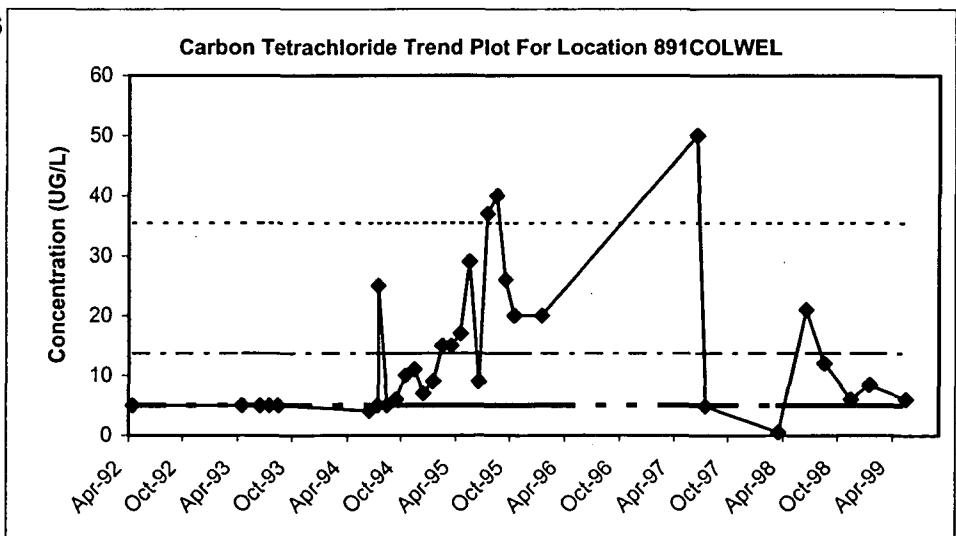


Fig. 2-6



Heavy dashed lines = Tier II Action Level  
Light dashed lines = Historic Mean + 2SD

**Trend Plots For Selected Analytes and Wells**  
**Second Quarter, 1999**

RF/RMRS-99-453.UN

Fig. 2-7

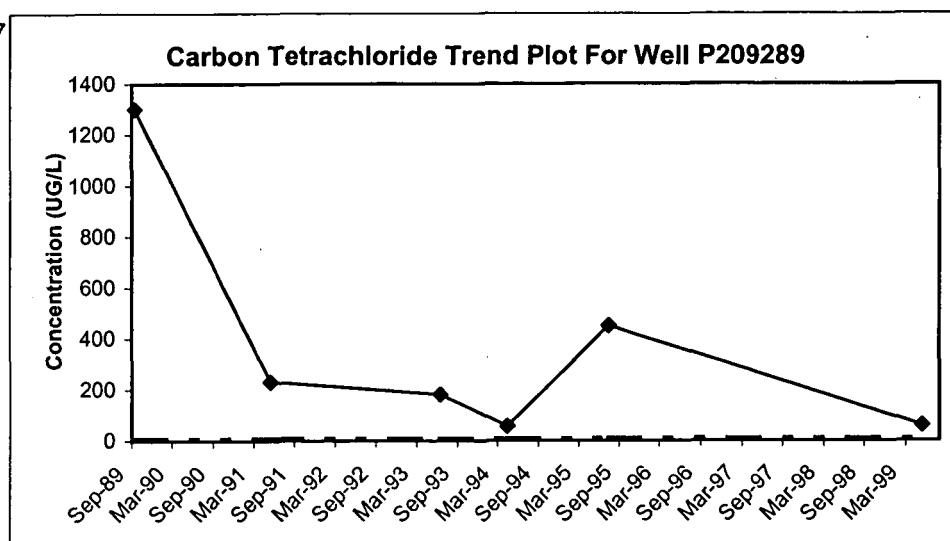


Fig. 2-8

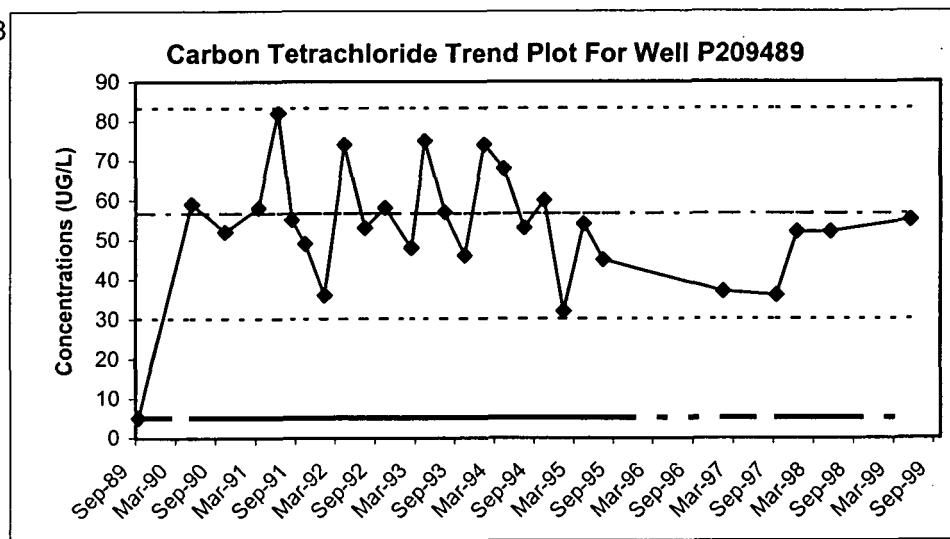
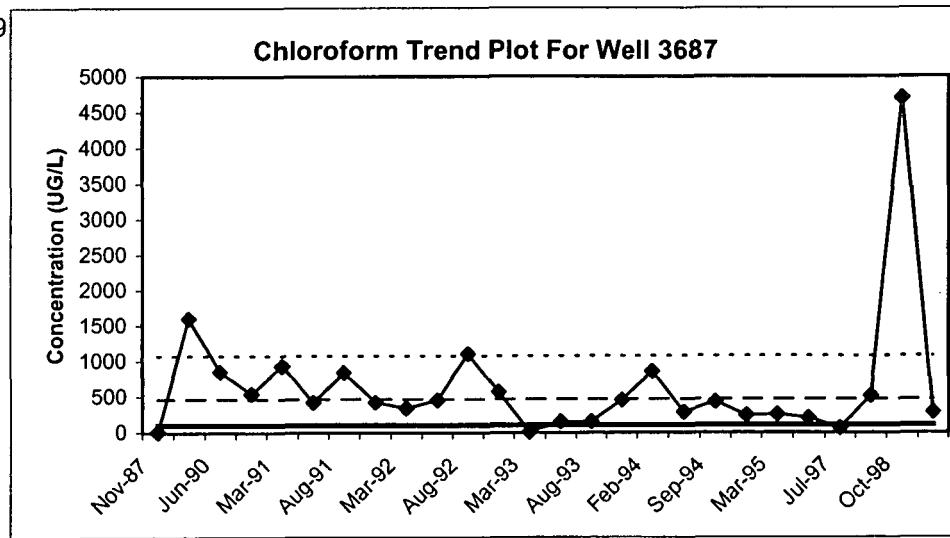


Fig. 2-9



Heavy dashed lines = Tier II Action Level  
Light dashed lines = Historic Mean + 2SD

**Trend Plots For Selected Analytes and Wells**  
**Second Quarter, 1999**

RF/RMRS-99-453.UN

Fig. 2-10

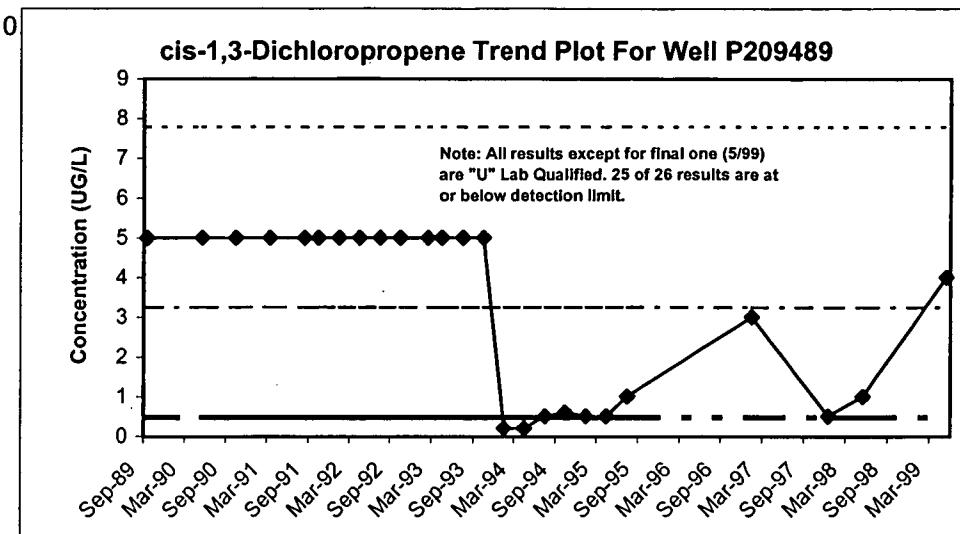


Fig. 2-11

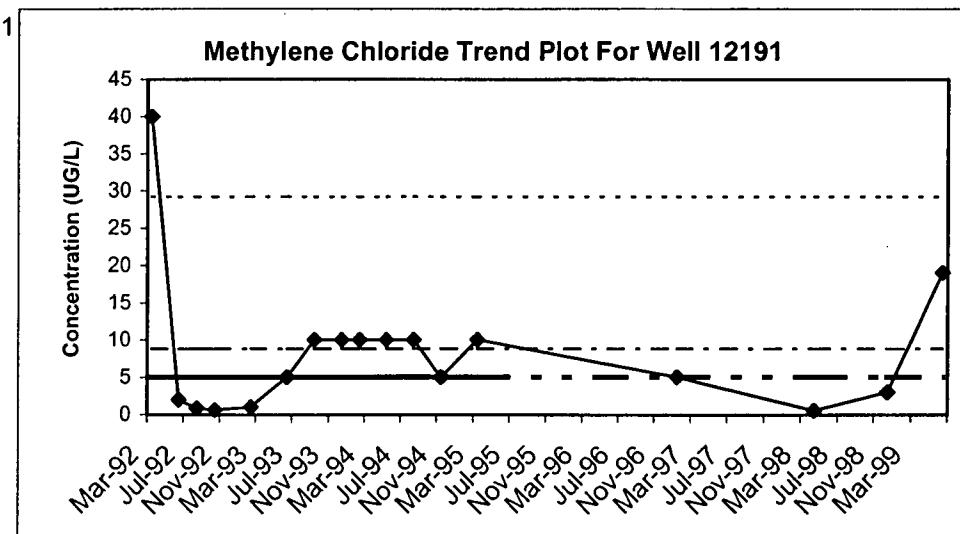
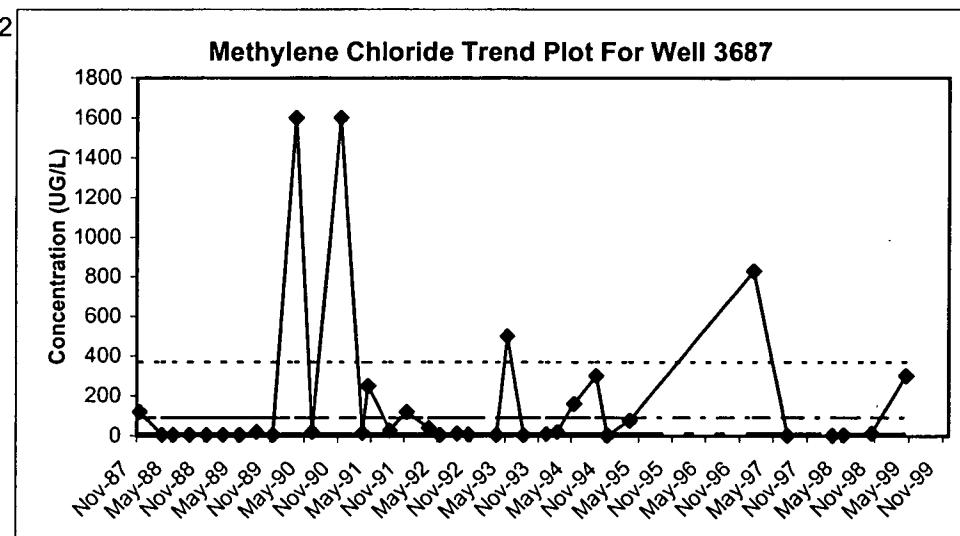


Fig. 2-12



Heavy dashed lines = Tier II Action Level  
Light dashed lines = Historic Mean + 2SD

**Trend Plots For Selected Analytes and Wells**  
**Second Quarter, 1999**

RF/RMRS-99-453.UN

Fig. 2-13

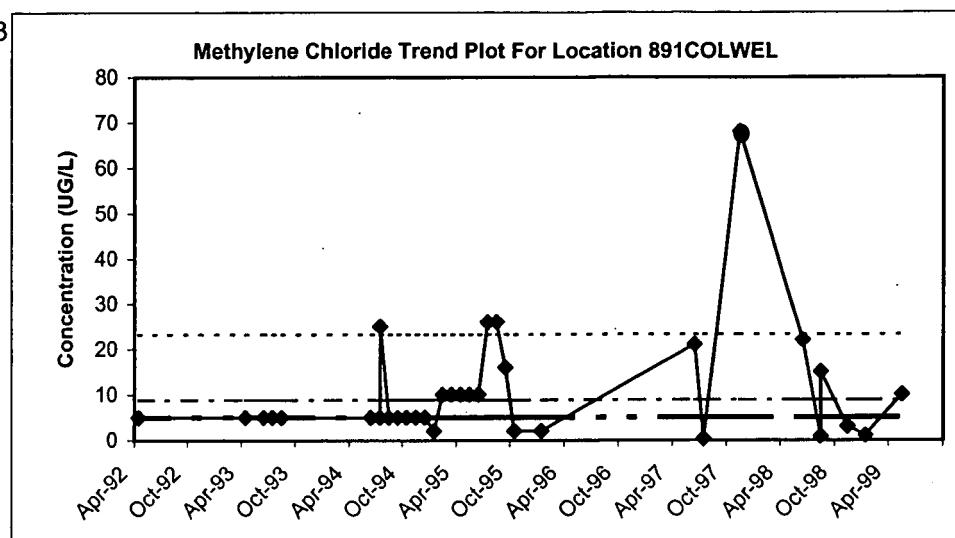


Fig. 2-14

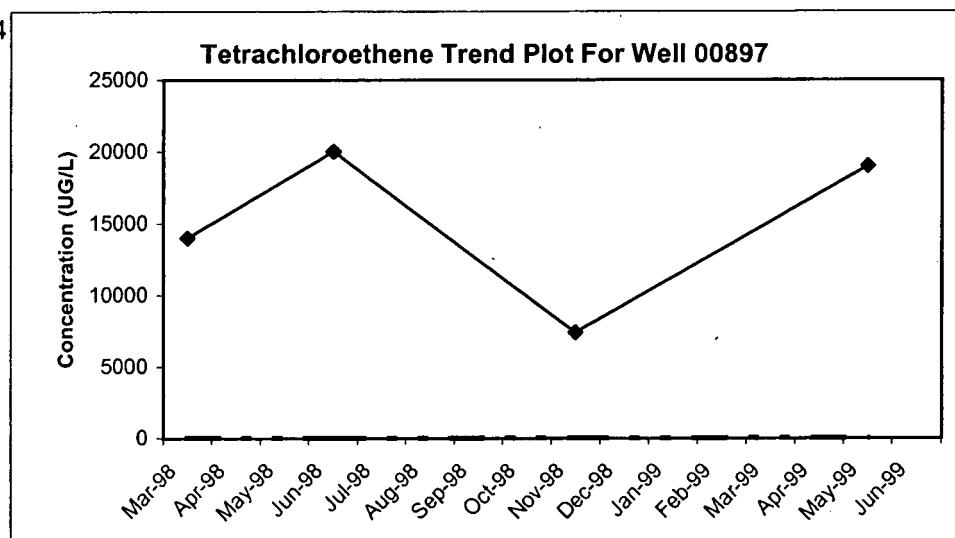
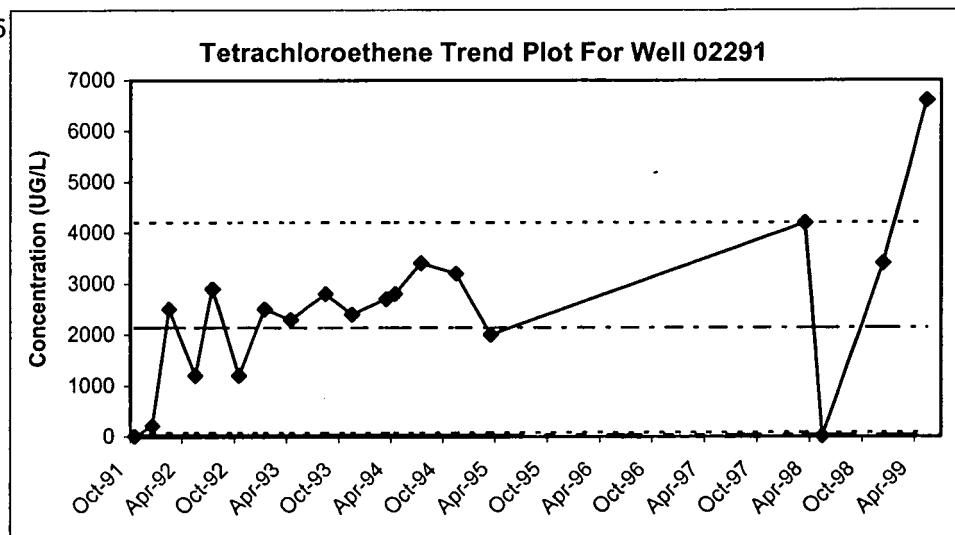


Fig. 2-15



Heavy dashed lines = Tier II Action Level  
Light dashed lines = Historic Mean + 2SD

**Trend Plots For Selected Analytes and Wells**  
**Second Quarter, 1999**

RF/RMRS-99-453.UN

Fig. 2-16

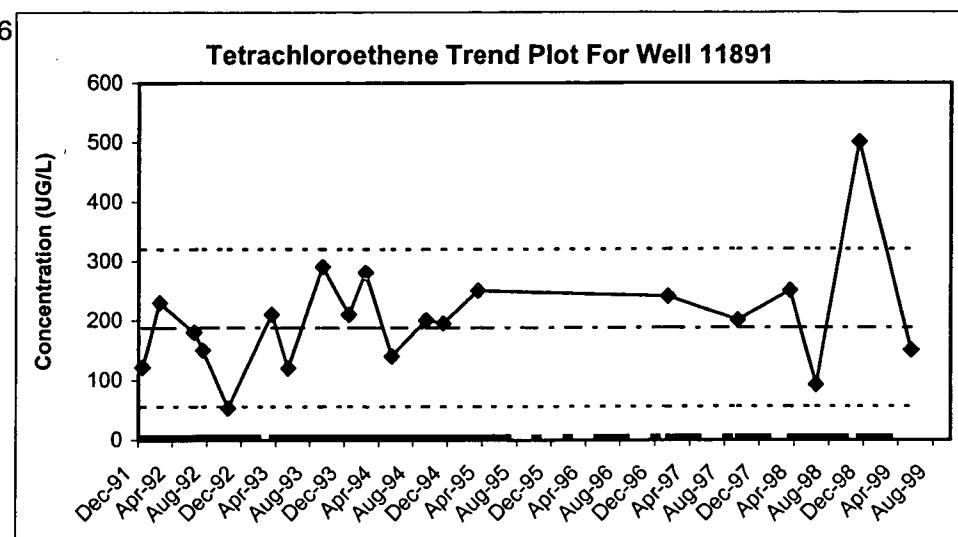


Fig. 2-17

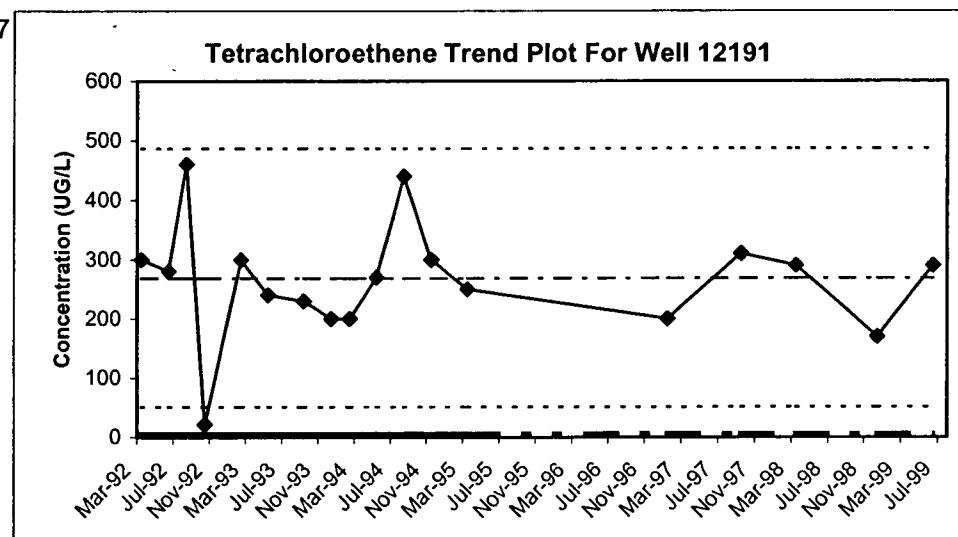
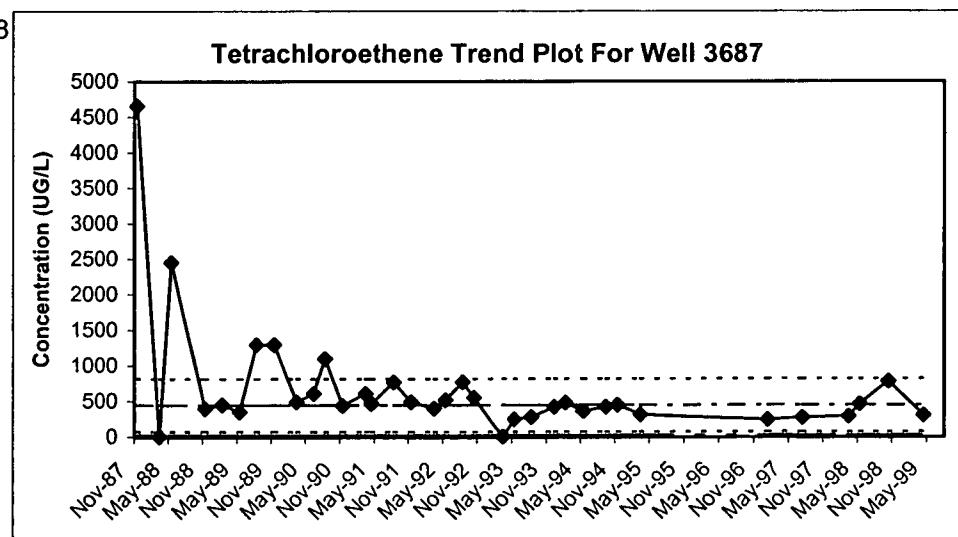


Fig. 2-18



Heavy dashed lines = Tier II Action Level  
Light dashed lines = Historic Mean + 2SD

**Trend Plots For Selected Analytes and Wells**  
**Second Quarter, 1999**

RF/RMRS-99-453.UN

Fig. 2-19

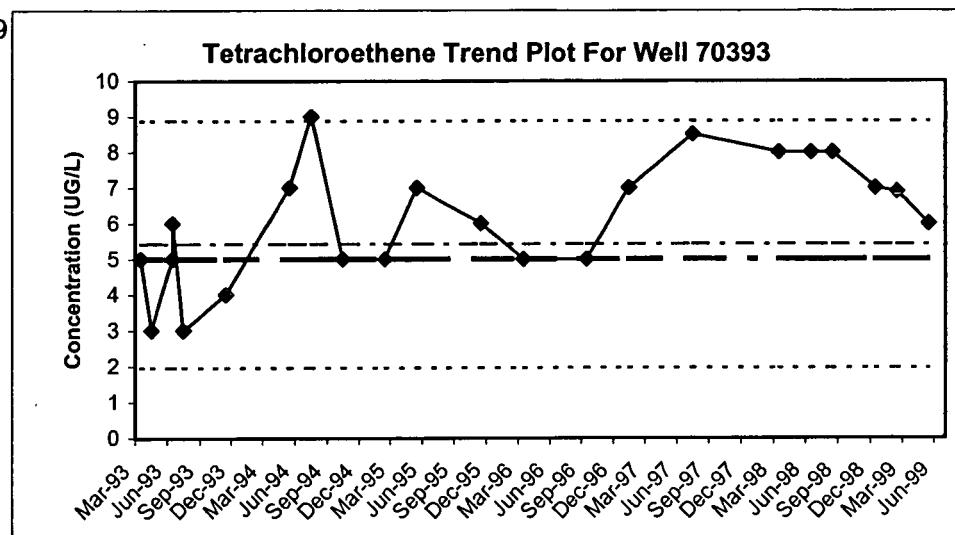


Fig. 2-20

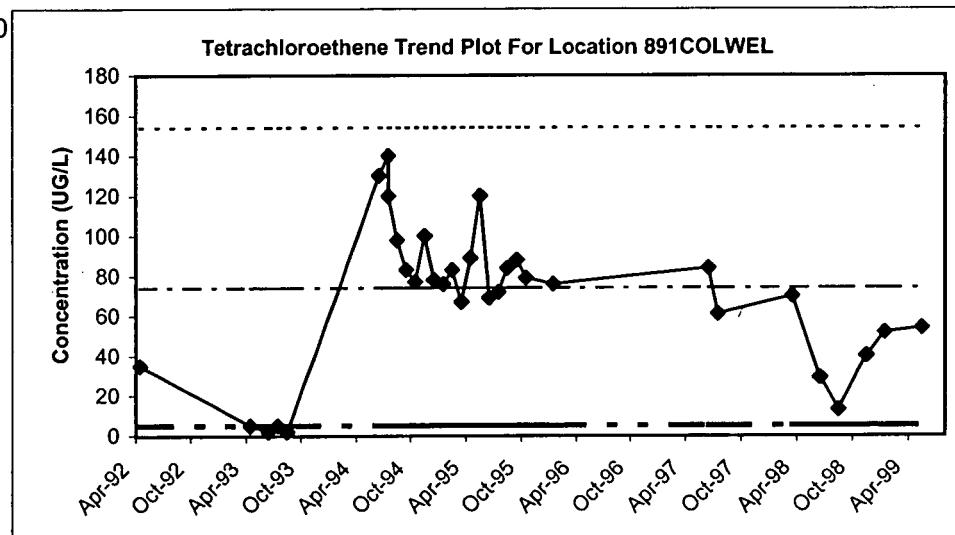
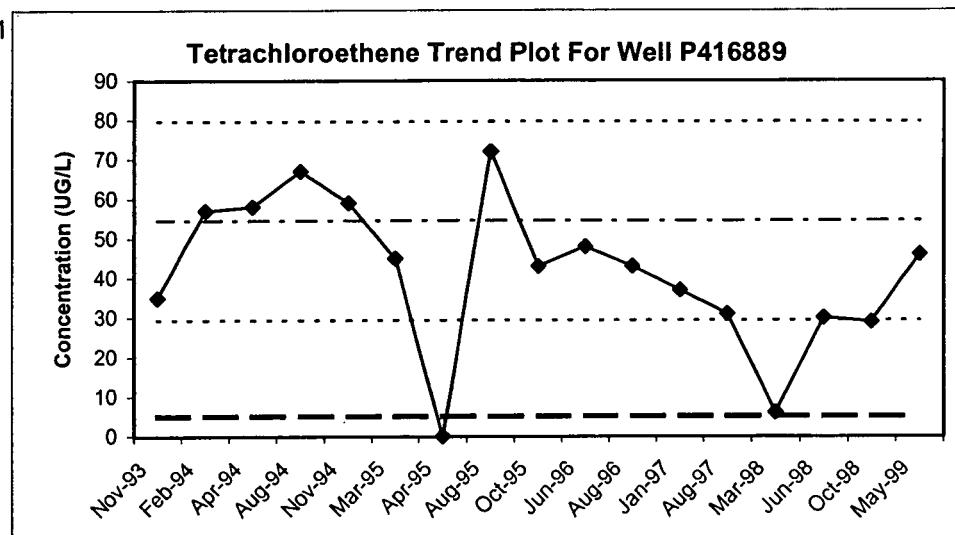


Fig. 2-21



Heavy dashed lines = Tier II Action Level  
Light dashed lines = Historic Mean + 2SD

**Trend Plots For Selected Analytes and Wells**  
**Second Quarter, 1999**

RF/RMRS-99-453.UN

Fig. 2-22

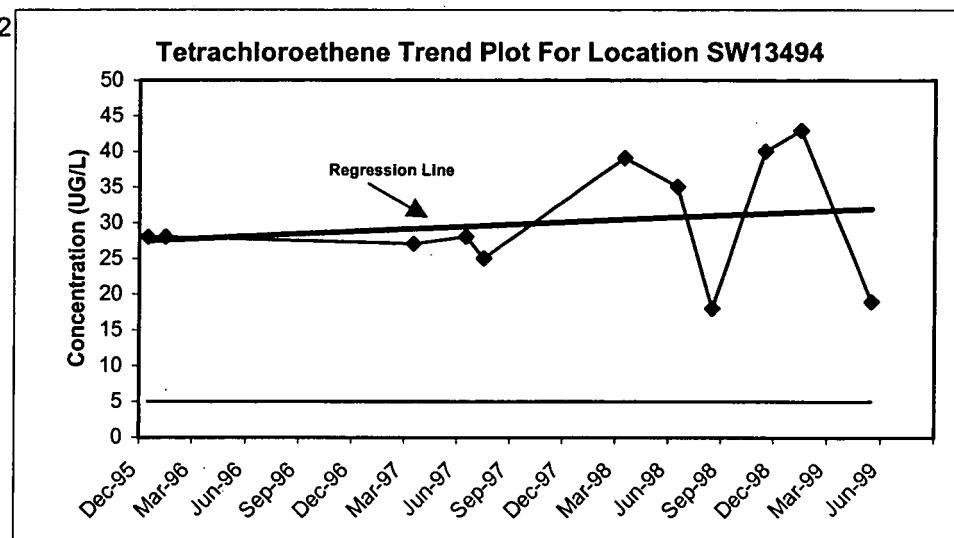


Fig. 2-23

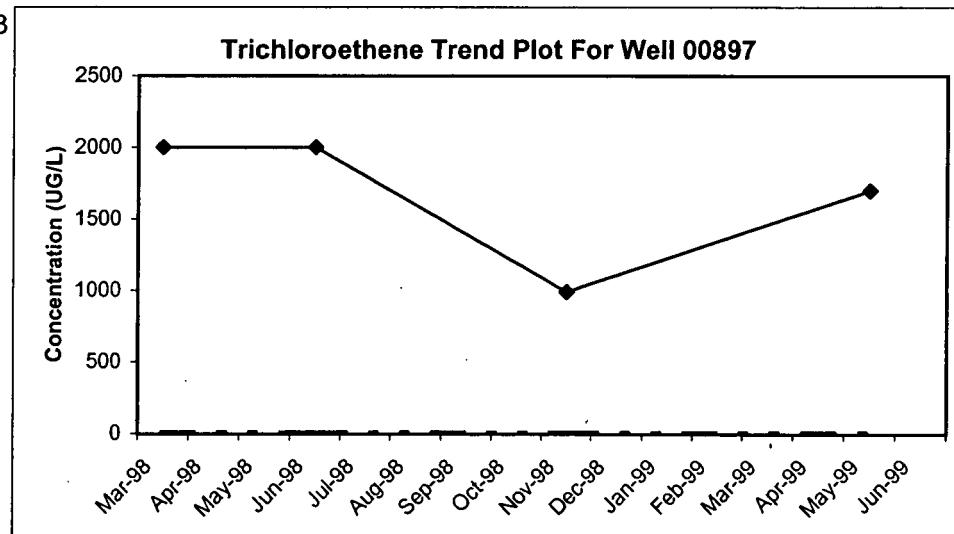
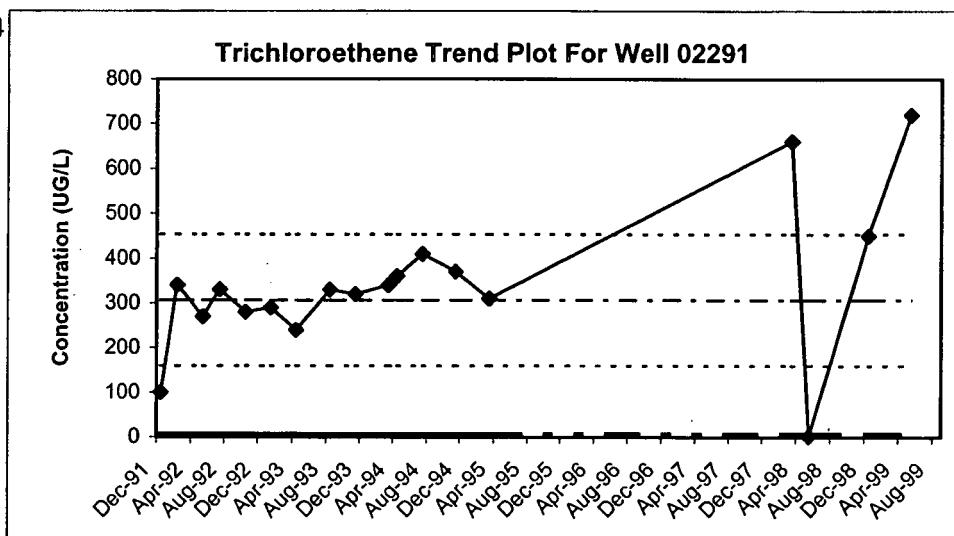


Fig. 2-24



Heavy dashed lines = Tier II Action Level  
Light dashed lines = Historic Mean + 2SD

**Trend Plots For Selected Analytes and Wells**  
**Second Quarter, 1999**

RF/RMRS-99-453.UN

Fig. 2-25

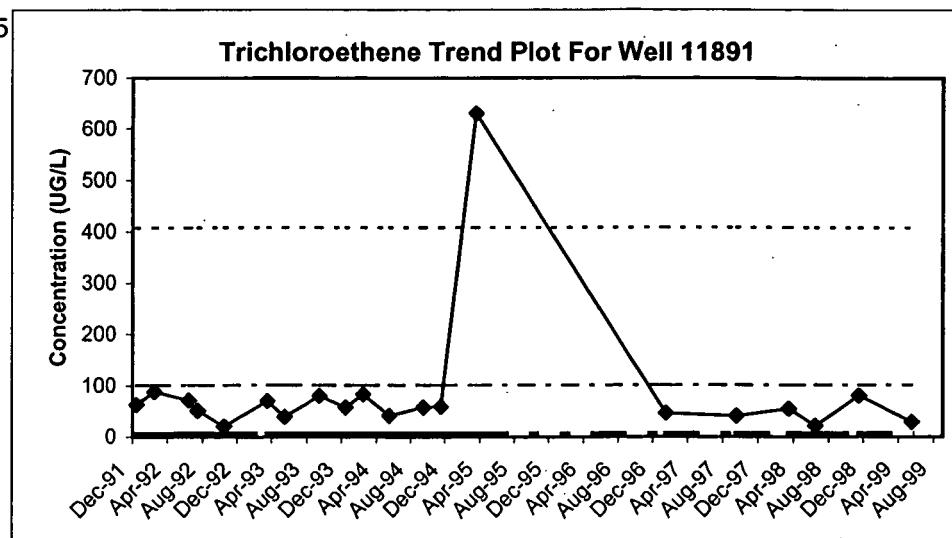


Fig. 2-26

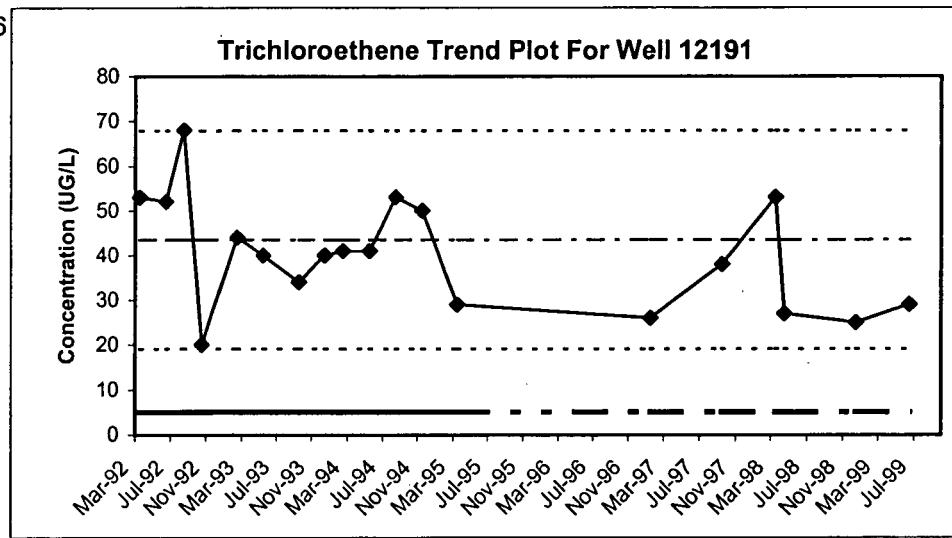
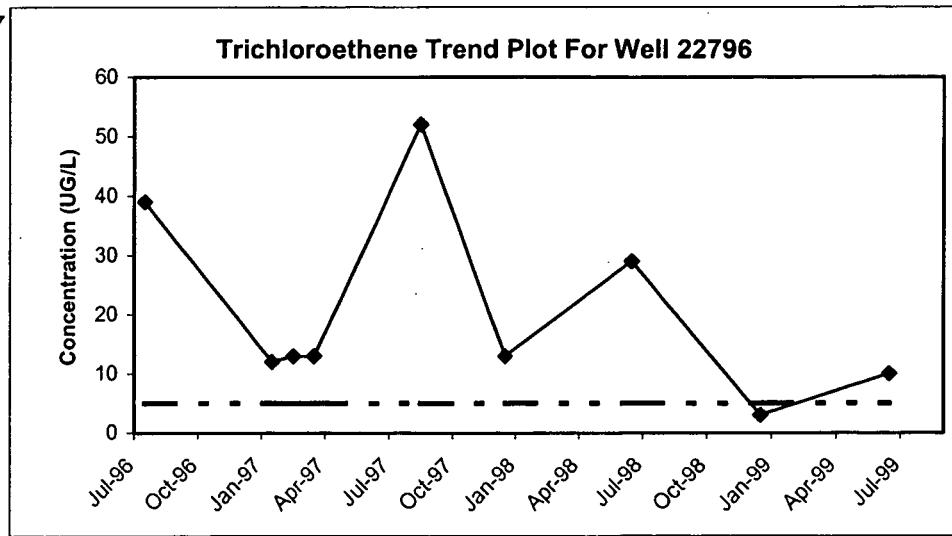


Fig. 2-27



Heavy dashed lines = Tier II Action Level  
Light dashed lines = Historic Mean + 2SD

**Trend Plots For Selected Analytes and Wells**  
**Second Quarter, 1999**

RF/RMRS-99-453.UN

Fig. 2-28

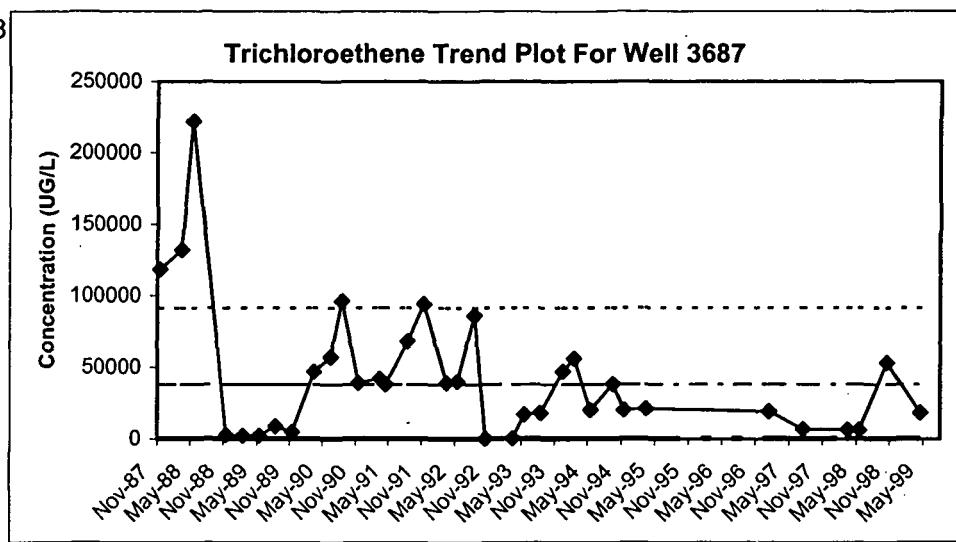


Fig. 2-29

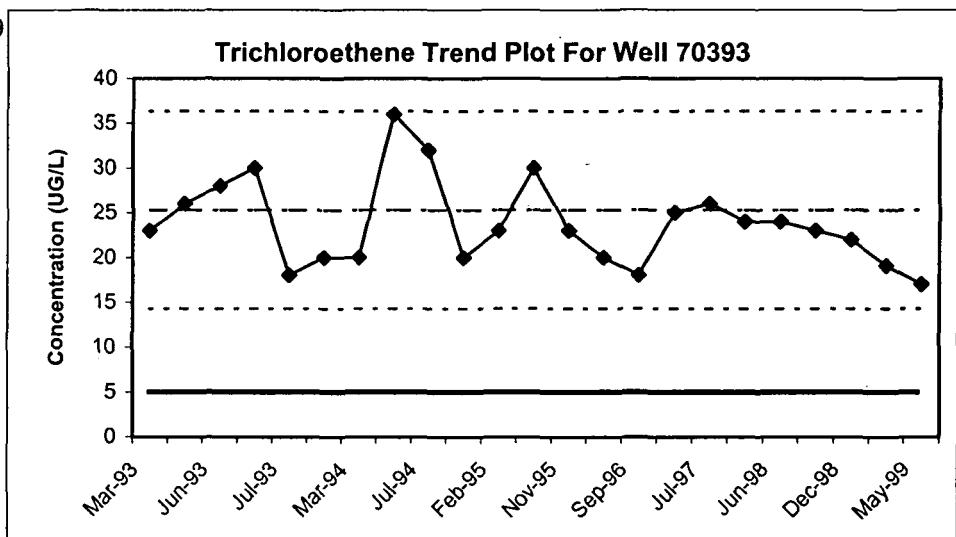
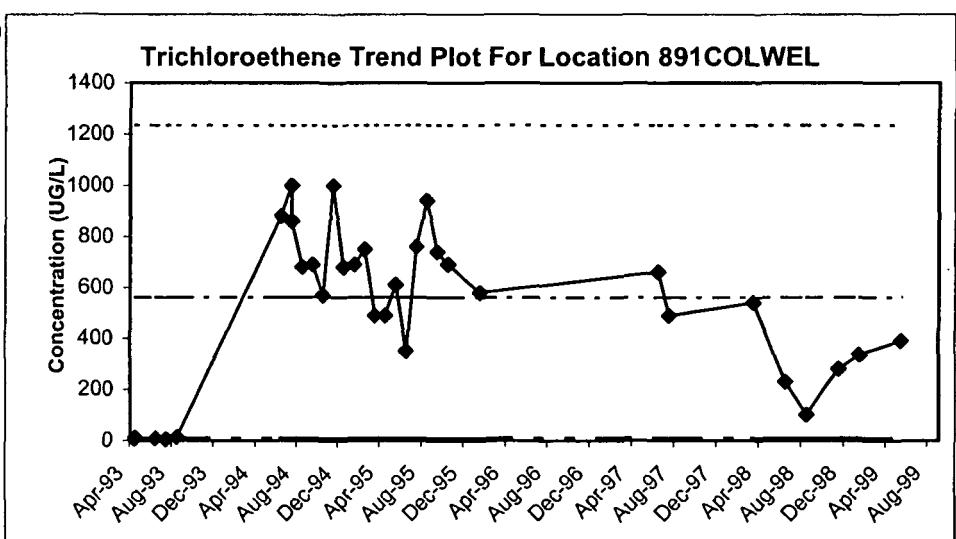


Fig. 2-30



Heavy dashed lines = Tier II Action Level  
Light dashed lines = Historic Mean + 2SD

**Trend Plots For Selected Analytes and Wells**  
**Second Quarter, 1999**

RF/RMRS-99-453.UN

Fig. 2-31

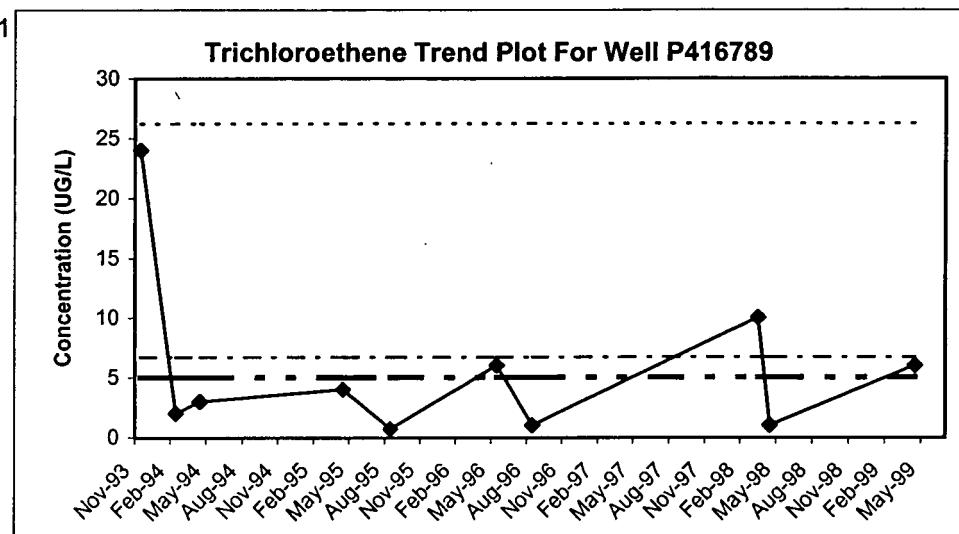


Fig. 2-32

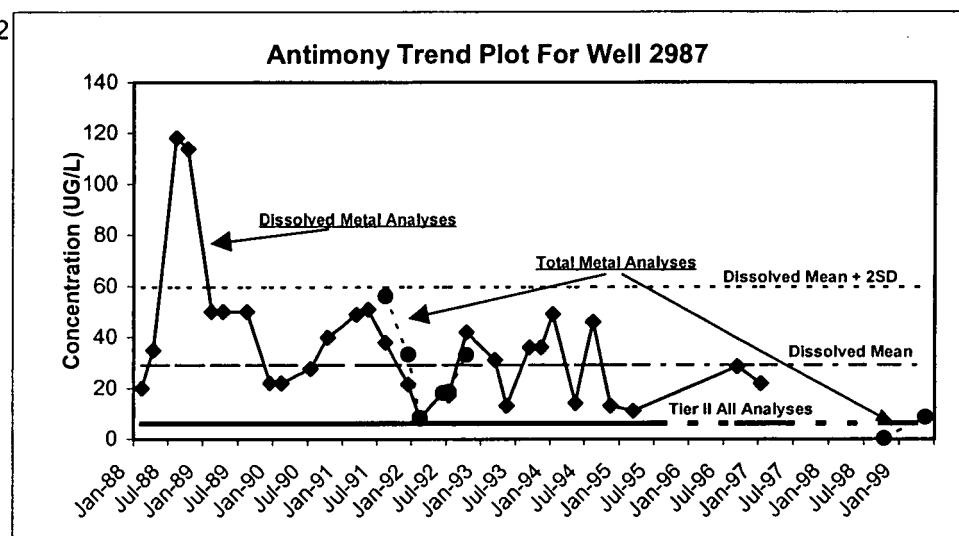
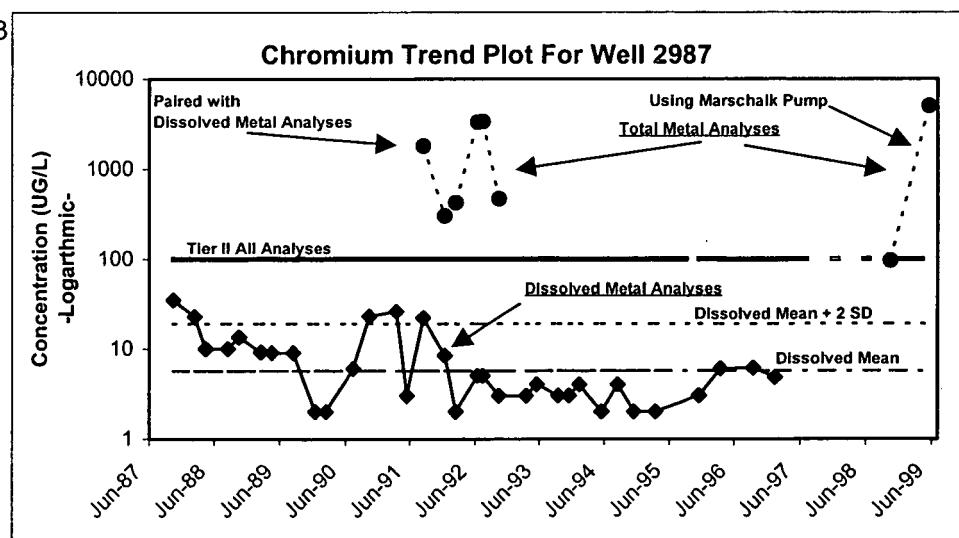


Fig. 2-33



Heavy dashed lines = Tier II Action Level  
Light dashed lines = Historic Mean + 2SD

**Trend Plots For Selected Analytes and Wells**  
**Second Quarter, 1999**

RF/RMRS-99-453.UN

Fig. 2-34

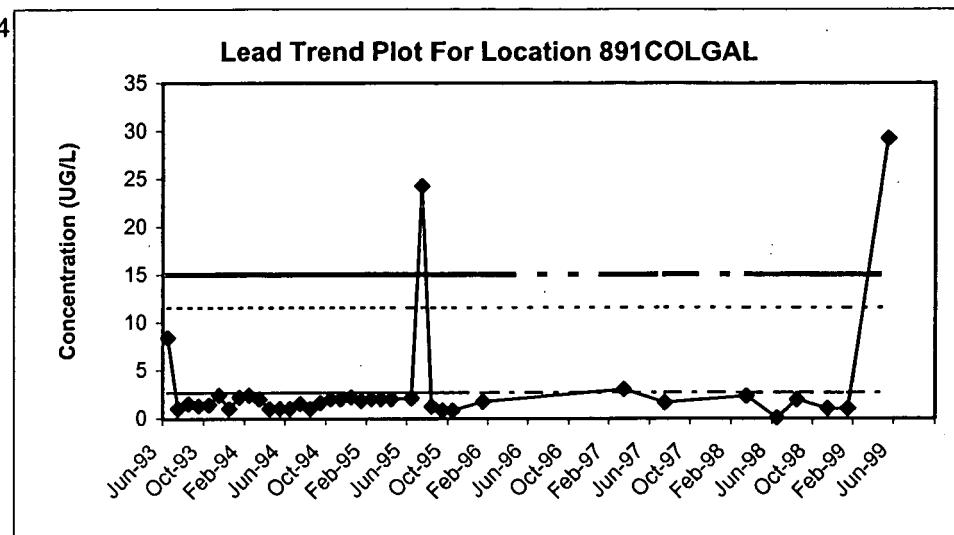


Fig. 2-35

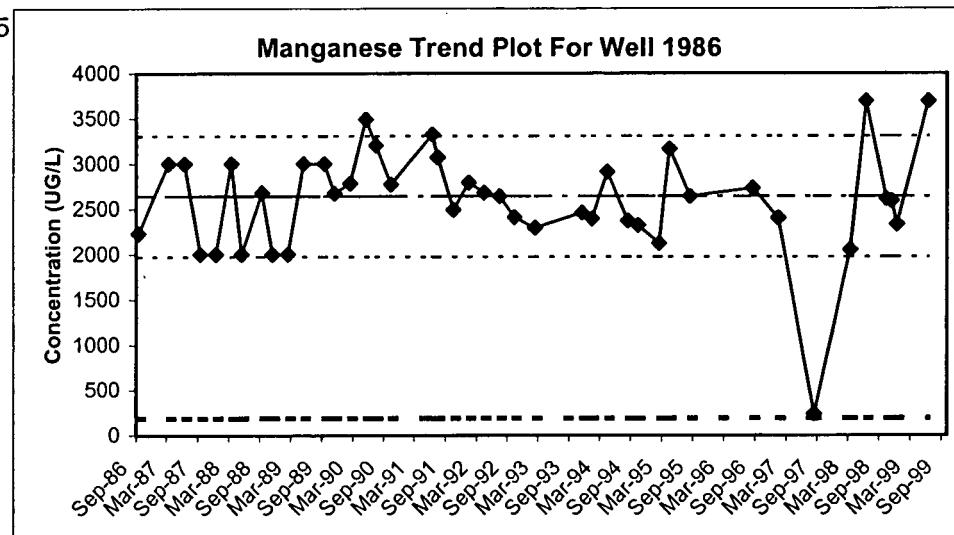
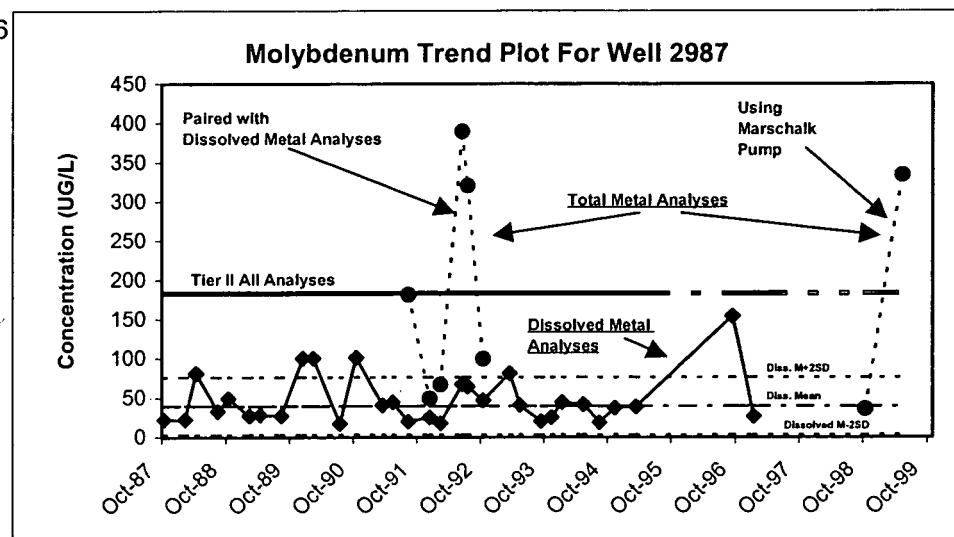


Fig. 2-36



Heavy dashed lines = Tier II Action Level  
Light dashed lines = Historic Mean + 2SD

## **Trend Plots For Selected Analytes and Wells Second Quarter, 1999**

RF/RMRS-99-453.UN

Fig. 2-37

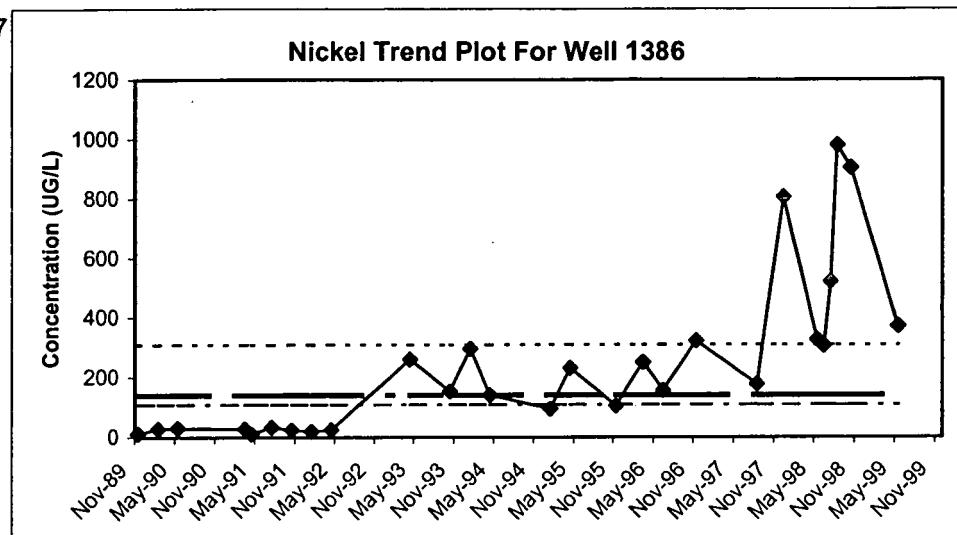


Fig. 2-38

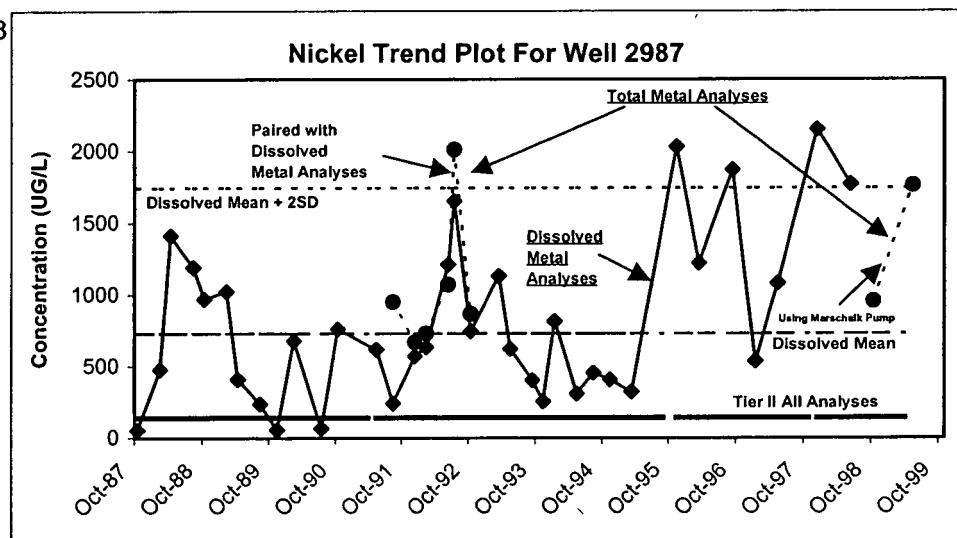
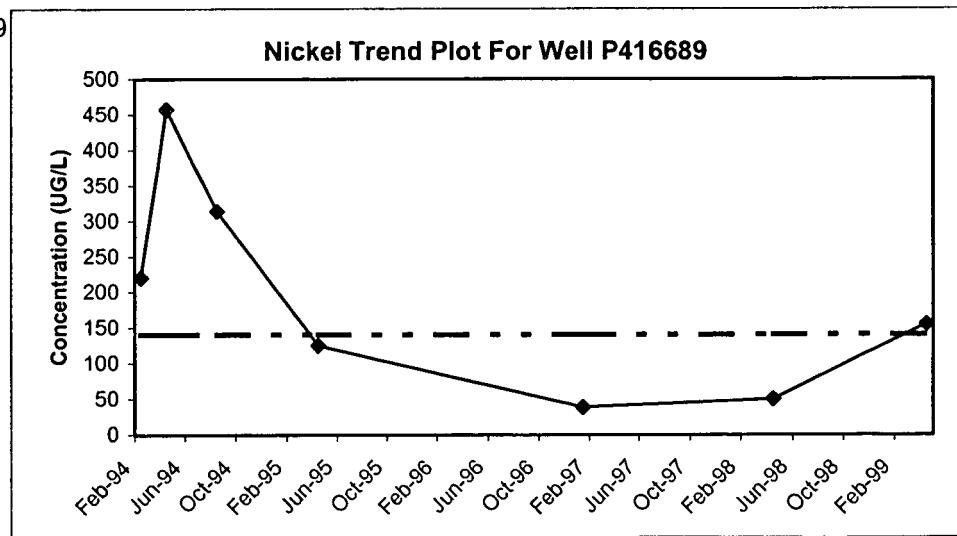


Fig. 2-39



**Heavy dashed lines = Tier II Action Level**

**Trend Plots For Selected Analytes and Wells**  
**Second Quarter, 1999**

RF/RMRS-99-453.UN

Fig. 2-40

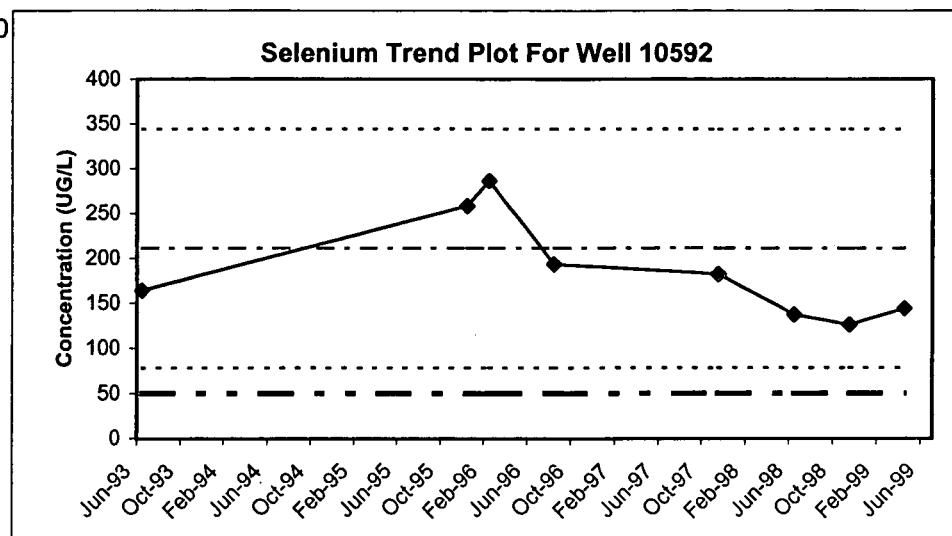


Fig. 2-41

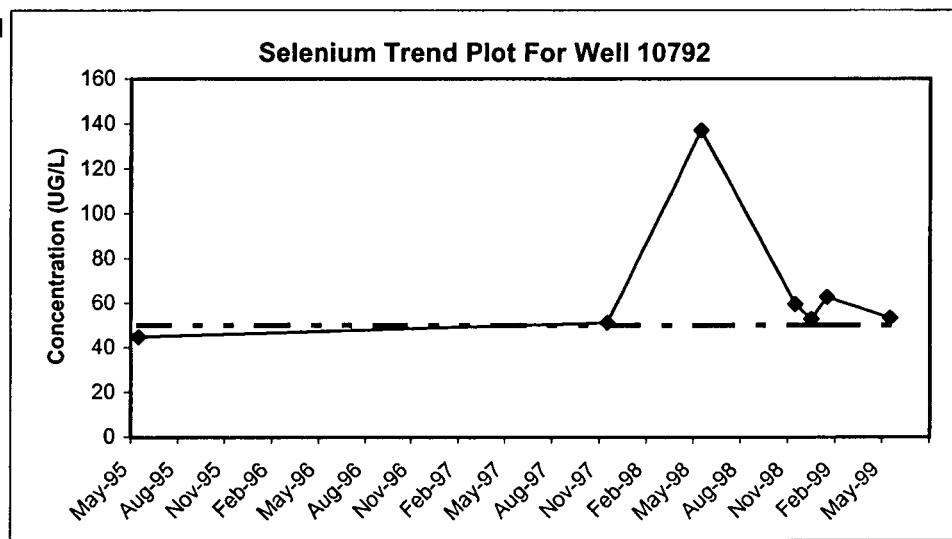
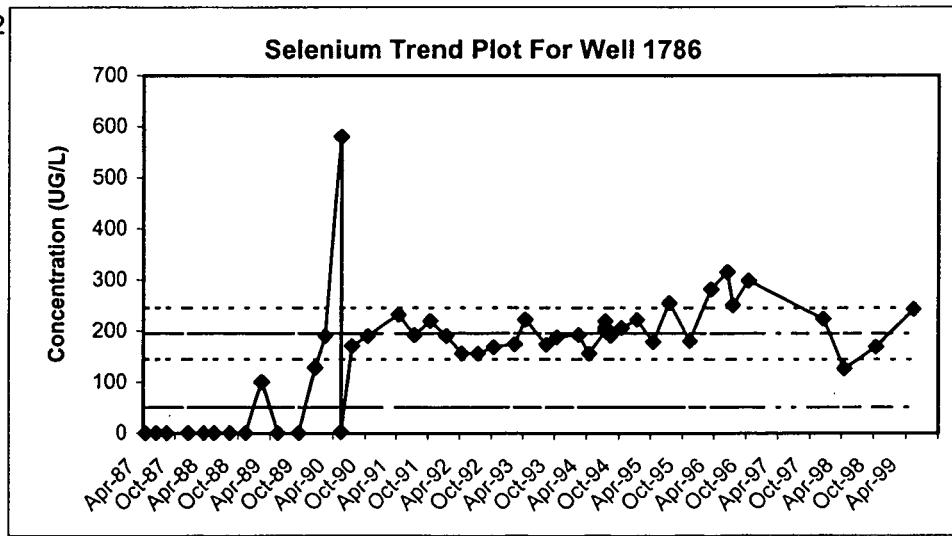


Fig. 2-42



Heavy dashed lines = Tier II Action Level  
Light dashed lines = Historic Mean + 2SD

**Trend Plots For Selected Analytes and Wells**  
**Second Quarter, 1999**

RF/RMRS-99-453.UN

Fig. 2-43

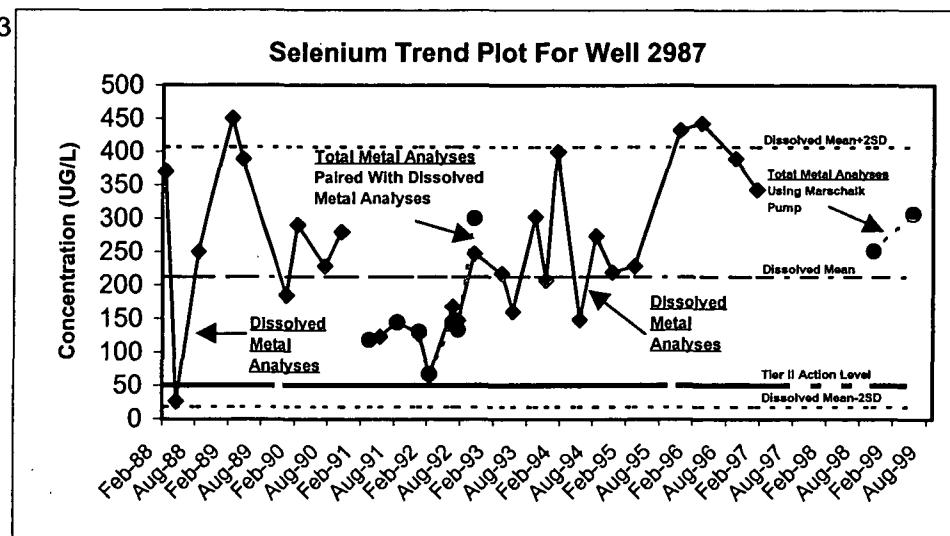


Fig. 2-44

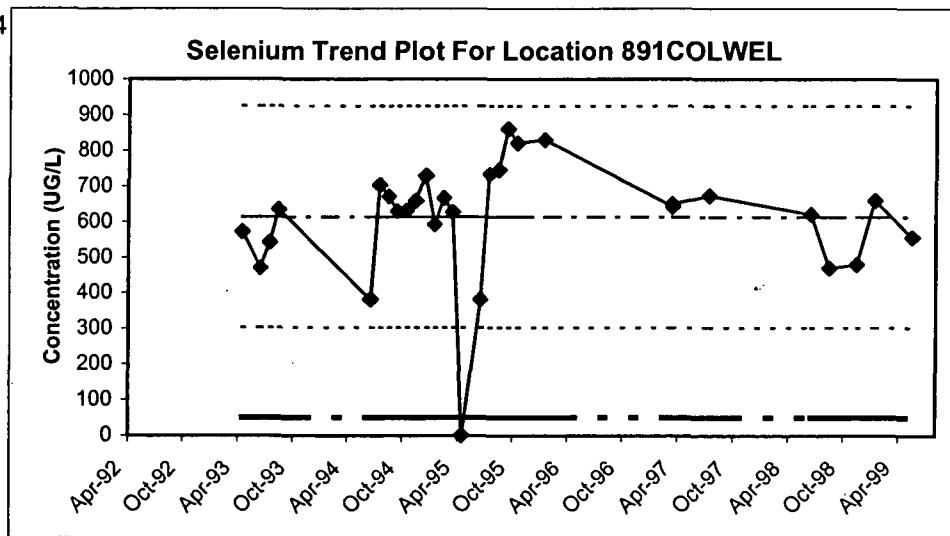
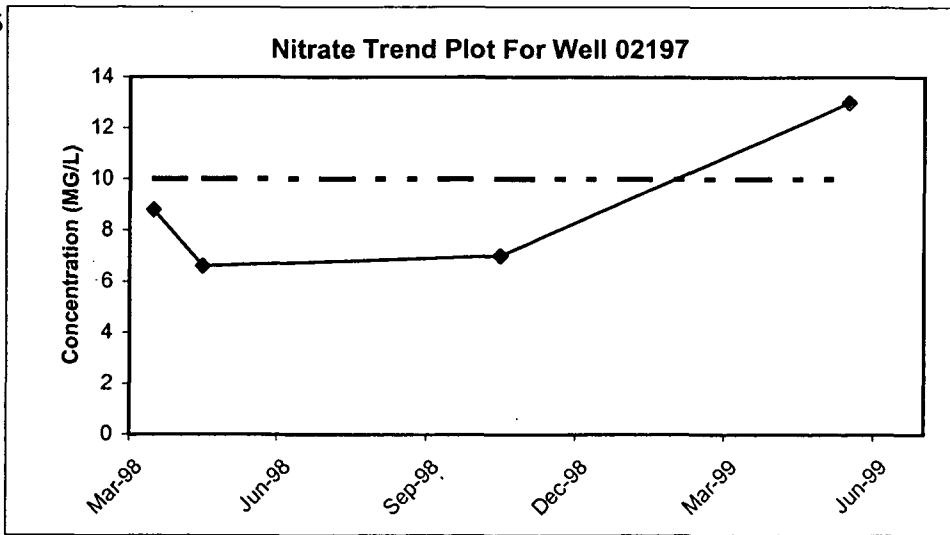


Fig. 2-45



Heavy dashed lines = Tier II Action Level  
Light dashed lines = Historic Mean + 2SD

**Trend Plots For Selected Analytes and Wells**  
**Second Quarter, 1999**

RF/RMRS-99-453.UN

Fig. 2-46

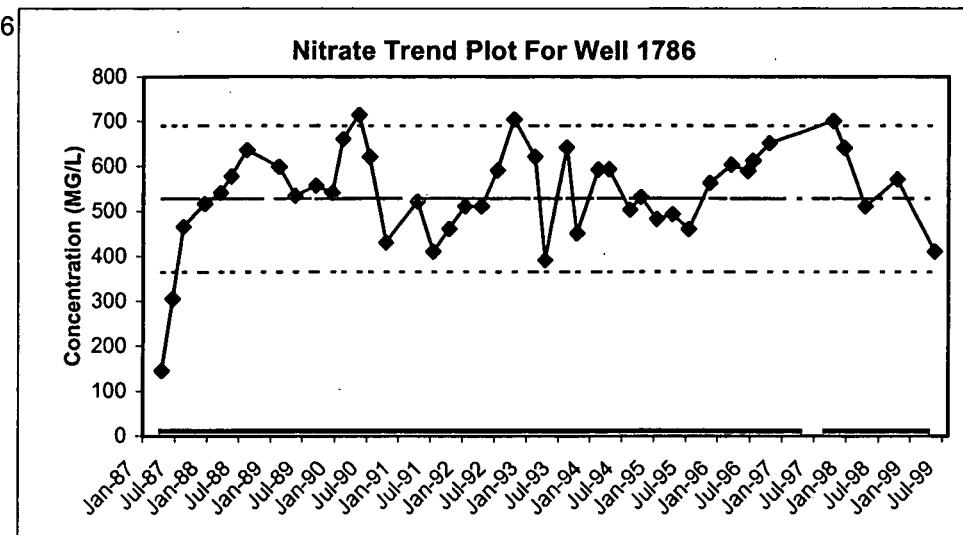


Fig. 2-47

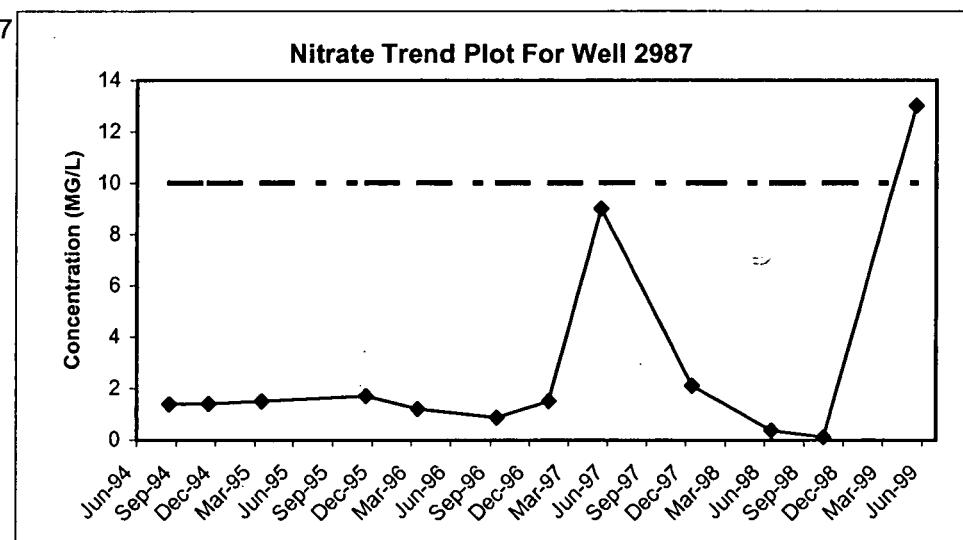
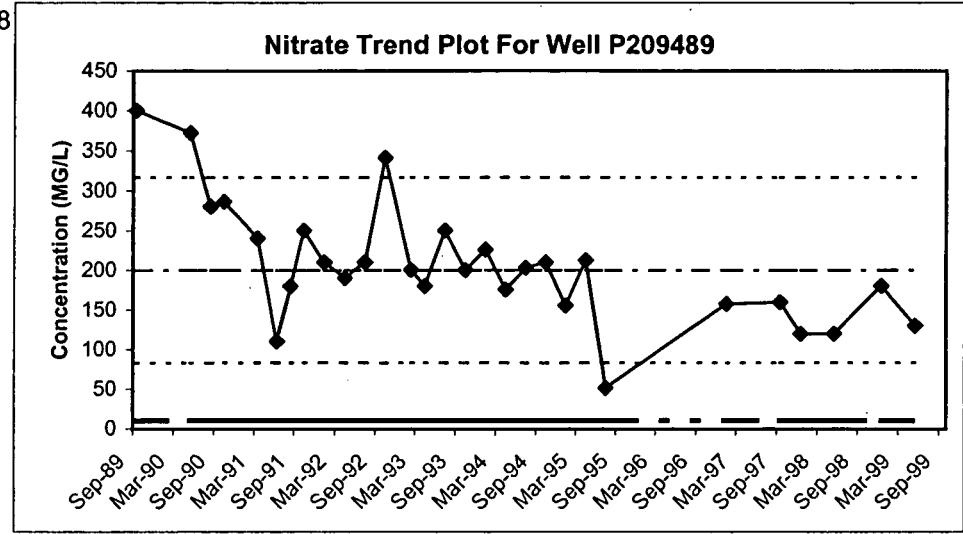


Fig. 2-48



Heavy dashed lines = Tier II Action Level  
Light dashed lines = Historic Mean + 2SD

**Trend Plots For Selected Analytes and Wells**  
**Second Quarter, 1999**

RF/RMRS-99-453.UN

Fig. 2-49

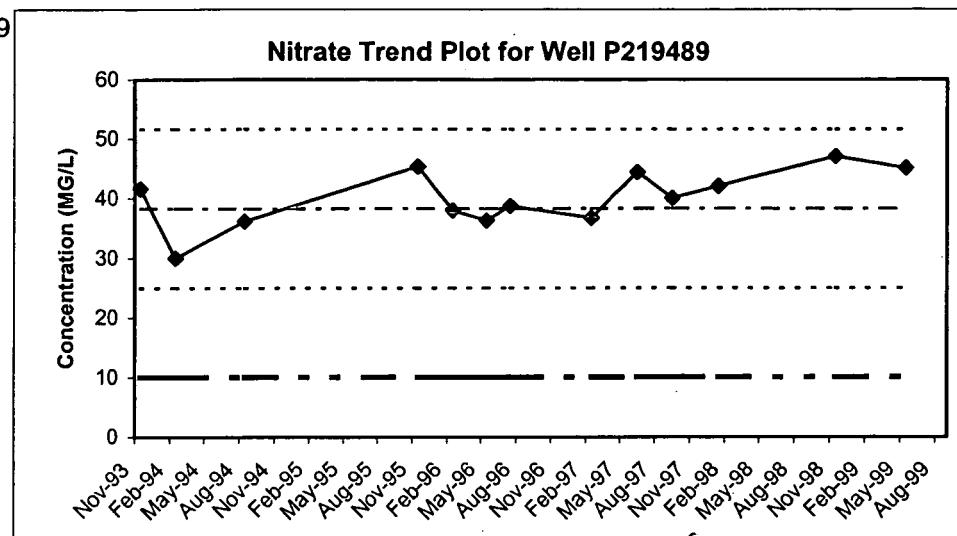


Fig. 2-50

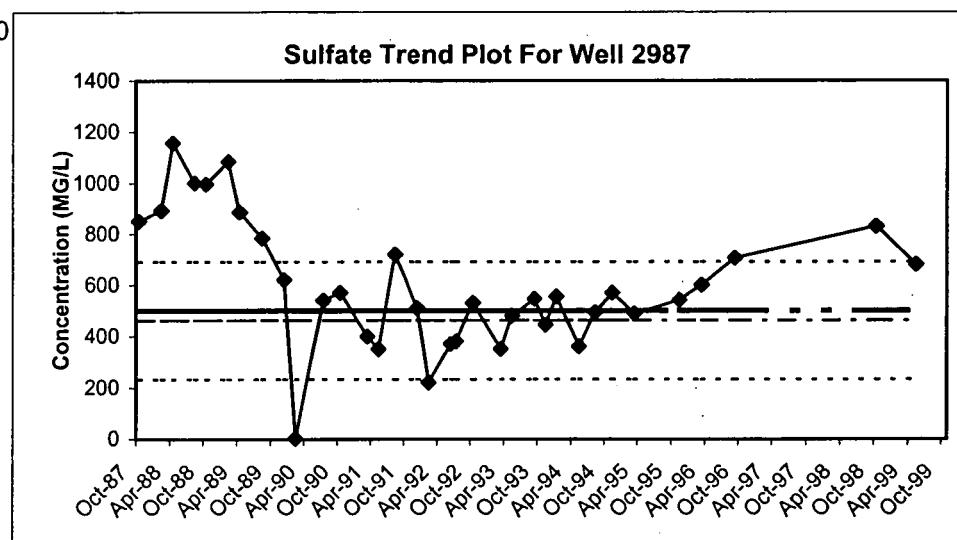
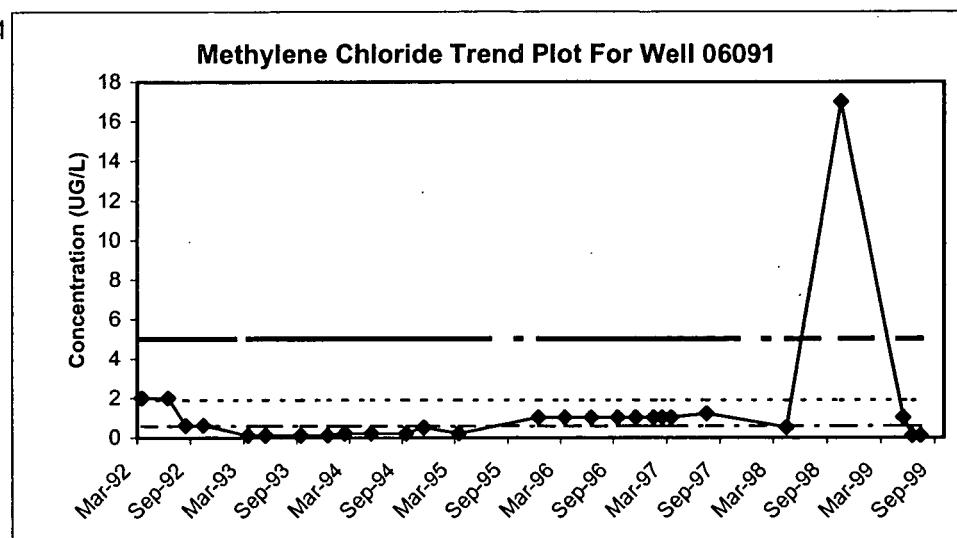


Fig. 2-51

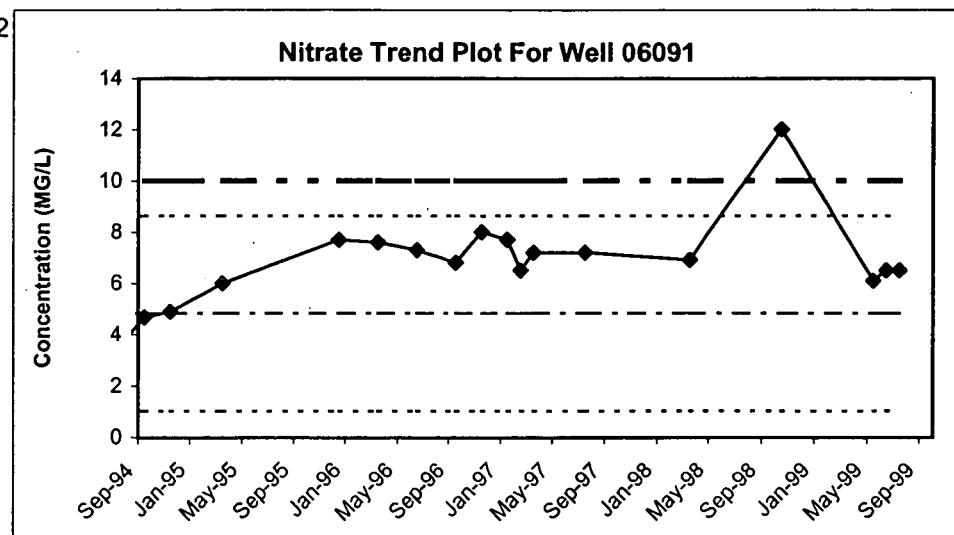


Heavy dashed lines = Tier II Action Level  
Light dashed lines = Historic Mean + 2SD

Trend Plots For Selected Analytes and Wells  
Second Quarter, 1999

RF/RMRS-99-453.UN

Fig. 2-52



Heavy dashed lines = Tier II Action Level  
Light dashed lines = Historic Mean + 2SD

## 7.0 GROUNDWATER DATA QUALITY ASSESSMENT – GENERAL INTRODUCTION

In this section, the quality of the analytical data is assessed in terms of five data-quality parameters: **precision, accuracy, representativeness, completeness, and comparability (PARCC)** (EPA, 1992). This section summarizes the types of data available to assess the PARCC parameters.

With respect to the 56 sites visited in the second quarter of 1999. Samples were obtained at 48 of the sites with the remaining 8 sites being dry. Five of the 48 sampled sites were selected for the collection of field Real/Duplicate samples. At 3 of the 48 sites field Rinsate samples were collected. Overall frequency for field QC sampling is being maintained at 1 site in 20 (5%) over the course of this quarter's sampling program. Duplicates were collected at a ratio of 1 in 9.6 (10.4%) and rinsates at a ratio of 1 in 16.0 (6.2%). Field QC data from the second quarter are presented below.

Data used to evaluate the PARCC parameters were included in the data set compiled as described in Section 2.

### Precision:

Precision is a measure of the reproducibility of analytical results. Precision is expressed quantitatively by the relative percent difference (RPD) between duplicate field samples for Volatile Organic Compounds (VOCs), Metals, and Water Quality Parameters (WQPs) as defined by the following equation:

$$RPD = \frac{|(S-D)|}{(S+D)/2} \times 100$$

where: S = Sample Result  
D = Duplicate or Lab Replicate Result

With respect to Radionuclides the RFETS Groundwater Program uses the following "Duplicate Error Ratio" equation:

$$DER = \frac{|S-D|}{\sqrt{(TPU_S^2 + TPU_D^2)}}$$

where  $TPU_S$  = Total Propagated Uncertainty of the Sample  
 $TPU_D$  = Total Propagated Uncertainty of the Duplicate or Lab Replicate

S = Sample Result  
D = Duplicate or Lab Replicate Result

Because TPU is seldom reported (except possibly for Tritium-H3 analyses) in the laboratory data records, 2-Sigma Error has been substituted for TPU in the Uranium and Americium/Plutonium calculations made for this report. In this second quarter 1999 report several changes summarized in the table below are being made in the criteria that determine which real/duplicate pairs are selected for RPD/DER calculations.

### CHANGES IN RPD/DER CALCULATION CRITERIA

| Lab Qualifier | Qualifier Meaning for Organics                         | Qualifier Meaning for Inorganics   | Prior Organic RPD procedure                                | New Organic RPD procedure   | Prior Inorganic RPD/DER procedure                          | New Inorganic RPD/DER procedure                                   |
|---------------|--|--|--|---|--|---|
| "U"           | Non-detect   | Non-detect   | If one of real/dup pair is "U", then calculation not made. | If both real and dup are "U", then calculation not made.                  | If one of real/dup pair is "U", then calculation not made. | If both real and dup are "U", then calculation not made.          |
| "B"           | Analyte present in method blank (= lab contamination). | Result less than contract required detection limit (CRDL) but greater than instrument detection limit (IDL). | No change, calculation made.                               | No change, calculation made.  | Calculation not made for "B" data.                         | Calculation made for "B" data.                                    |
| "J"           | Estimate   | Estimate   | Calculation made for "J" or "JB" qualified data.           | Calculation not made for "J" or "JB" data where result is less than CRDL. | Calculation made for "J" qualified data.                   | Calculation not made for "J" data where result is less than CRDL. |

Individual RPDs/DERs can be found in Table 7-1. The QC criterion for RPDs is  $\leq 30\%$ , for DERs the criterion is  $\leq 1.96$ . Table 7-2 gives a summary of the Overall Precision Compliance for RPDs and DERs.

#### Accuracy:

Accuracy is a measure of how closely an analytical result corresponds to the "true" concentration in a sample. Table 7-3 gives the contract-required detection limits (RDLs) for the various analytes.

The second quarter 1999 determination of accuracy has been simplified by the presence of a complete data set derived from the SWD database. With respect to analytical results retrieved from electronic files, detection limits are readily available.

#### Representativeness:

The discussion of representativeness in this section is limited to an evaluation of whether analytical results for field samples are truly representative of environmental concentrations or whether they may have been influenced by the introduction of contamination during collection and handling. The potential introduction of contamination is evaluated by examination of the analytical results for equipment rinsates (Table 7-4). Equipment rinsates are used to assess the efficacy of the decontamination process and possible cross-contamination between environmental samples. They are samples of volatile free ASTM Type II water ("distilled" water) that have been poured over or through decontaminated sampling equipment and subsequently handled in the same manner as environmental samples.

Although rinsates are used specifically as indicators of cross-contamination during decontamination of equipment, they are carried through the entire sampling, shipping, and laboratory process and are, consequently, also good indicators of potential contamination introduced during any of these steps.

Other aspects of representativeness such as numbers of samples and spatial distribution are fixed in the Groundwater Integrated Monitoring Plan (DOE, 1997). As determined by the IMP, all required wells for this quarter were visited. See Figure 1 for reference to the spatial distribution of the samples.

#### Completeness:

All samples specified in the IMP were collected unless well disposition was prohibitive (i.e. dry or went dry during sampling). Table 3-1 presents a summary of sample collection and well disposition. Table 7-5 compares the Actual Number of Samples taken in the second quarter to the Required Number of Samples. The completeness goal of 90% was not met in any of 10 analyte groups (see below). All required wells were visited (some more than once) and all analytical results for the second quarter had been received prior to the writing of this report.

Completeness as a quantitative measure of data quality may be expressed as the percentage of valid or acceptable data obtained from a measurement system. Ninety-nine point nine percent of the data for the second quarter 1999 has either been Validated or Verified. Where available, validation data for each sample are listed in Appendix A. Table 7-6 summarizes the validation completeness based on the following formula:

$$Dp_u = \text{Percentage of usable data points}$$

$$DP_t = \text{Total number of data points}$$

$$DP_n = \text{Non-usable data points}$$

$$\text{Completeness} = Dp_u = \frac{DP_t - DP_n}{DP_t} \times 100 \text{ (in percent)}$$

The completeness criterion is  $\geq 90\%$ .

Comparability:

During the second quarter of 1999 planned analytical methods for VOCs, WQPs, and Radionuclides remained consistent over the sampling period (see below for metals). Table 7-3 lists the required methods for the various analytes. Laboratory analyses were performed according to standard CLP protocols and results should be comparable to data produced by similar methods.

In the third quarter of 1998 the sampling procedure was modified in order to reduce the amount of purge water generated at certain wells and also enhance the quality of the samples collected. This practice has continued into the second quarter of 1999.

Some wells with adequate recharge rates had dedicated bladder pumps installed. Pump equipped wells provide an opportunity for "micropurging" at the time of sampling. Micropurging has several advantages. Less water is needed to purge the pump system compared to purging the entire well with a bailer. Thus there is less purge water to dispose of. Micropurge sample collection provides a method of minimizing increased colloid mobilization by removing water from the well at the screen interval at a rate that preserves or minimally disrupts steady-state flow conditions in the aquifer. During micropurge sampling, groundwater is discharged from the aquifer at a rate that the aquifer will yield without creating a cone of depression around the discharge well. Research indicates that colloid mobilization will not increase above steady-state conditions during low-flow discharge. Therefore, the collected sample is more likely to represent steady-state groundwater chemistry.

The installation of bladder pumps and micropurging without sample filtration resulted in a change in analytical method for metals. Pump equipped wells are sampled and analyzed for total metals because no filter is used during sample collection. Analyses of this type correspond to line item code SS05B001 and analytical method CLP-SOW-Total. Bailed well samples are analyzed for dissolved metals using line item code SS05B007 and analytical method CLP-SOW-Dissolved.

## DISCUSSION OF ANALYTE GROUPS

## **7.1 METALS**

### Precision:

There were 135 records for paired duplicate samples versus 1242 real sample records in the data set for metals in the second quarter, 1999 (1 in 9.2). Of the 135 real/duplicate pairs there were 95 records in which a Relative Percent Difference (RPD) could be calculated (Table 7-1). Seventy-two of the 95 calculated RPDs were within the QC criterion of  $\leq 30\%$  for water (Table 7-2). Twenty-three RPD pairs for were outside the 30% criterion. With 76% of the RPDs meeting the QC criterion, overall precision for dissolved metal analysis is below the acceptable goal of 85%.

Of the 23 real/duplicate pairs that do not meet the acceptable 30% RPD criterion 7 pairs both have “UJ”/“UJ1” validation qualifiers and 2 pairs have “J”/“J1” validation qualifiers (these qualifiers signify that some level of estimation is present in the result). Another 7 real/duplicate pairs have a combination of a “U” non-detect laboratory qualifier for one member of the pair and a “J”/“UJ” validation qualifier for the other member. These combinations of lab qualifiers and validation qualifiers imply that the results used to calculate the RPDs are estimates or are at least may be difficult to replicate. Also, note that the metal analytes that exceeded the 30% RPD QC criterion include aluminum (three times), antimony, arsenic, cadmium (twice), chromium (twice), copper, iron, molybdenum, vanadium, and zinc. These metals do not generally appear as contaminants of concern in RFETS wells.

The recommended frequency for duplicate samples is 1 in 20 on a per sample basis. In the second quarter, 5 of 44 wells were analyzed for metals as Real/Duplicate pairs, a ratio of 1 in 8.8. Thus the Duplicate sampling frequency was well within the requirements for the second quarter on both a per well and per sample basis.

### Accuracy:

Detection limits for selenium, silver and thallium were exceeded as follows. One laboratory did all the analyses. Note that results are within the Practical Quantitation Limits (PQLs) set by the IMP (Kaiser-Hill, 1999). One mercury analysis where; a.) the reported result is less than the reported detection limit and b.) the reported detection limit differs from other mercury analyses in that sample batch is assumed (not verified with the lab as yet) to have a typographical error in reporting the detection limit (see below). All other metals analyses are within Contract Required Detection Limits (CRDLs) for metal analyses (Table 7-3).

For the following RINs:

|         |         |         |
|---------|---------|---------|
| 99D6640 | 99D7171 | 99D7743 |
| 99D6808 | 99D7382 | 99D7869 |
| 99D7057 | 99D7497 | 99D7905 |

For Both Total and Dissolved Metal Analyses

Selenium reported detection limit = 1.2 µg/L CRDL = 1.0 µg/L PQL = 10 µg/L  
 Silver reported detection limit = 0.35 µg/L CRDL = 0.1 µg/L PQL = 5 µg/L  
 Thallium reported detection limit = 0.88 µg/L CRDL = 0.5 µg/L PQL = 12 µg/L

For mercury in (Bottle #) 99D7170-013.004: reported detection limit = 4.8 µg/L  
result = 0.1 µg/L with "U" lab qualifier

For other mercury analyses in RIN 99D7170: reported detection limit = 0.1 µg/L

All metal analyses were performed using the proper contract required methods in the second quarter of 1999 (Table 7-3). With respect to methods the results for the second quarter are accurate.

Representativeness:

There were 81 rinsate records versus 1377 real/duplicate sample records for metals from the second quarter 1999 (1 in 17.0) (Table 7-4). Seventy-eight (96.3%) of the metal rinsate results were either "U" (non-detection) or "B" (detection was less than CRDL but greater than IDL) lab qualified indicating that in general no metals contamination was introduced during sampling and/or shipping activities. The 3 remaining unqualified (by the lab) results are small amounts with validation qualifiers that signify the values are estimates.

Completeness:

Table 7-5 indicates that 53 wells were to have been sampled in the second quarter 1999. Dry wells or wells that went dry during sampling resulted in 44 actual metal samples that were collected, a success ratio of about 83%. The goal, groundwater conditions permitting, is to have greater or equal to 90% successful sampling.

Validation/Verification completeness is summarized in Table 7-6. The validation process is nearly complete with respect to metals, 1377 of a possible 1459 results were validated (94.4%). Of the 1377 metal analyses that were validated or verified in the first quarter 100% of the dissolved and total metal analyses are usable. Metal analyses for the second quarter are therefore considered to be complete with respect to validation and verification.

Comparability:

As stated in Section 2 no changes were made to analytical procedures in the second quarter of 1999. Thus analyses from the second quarter are assumed to be comparable to previous analyses.

## 7.2 RADIONUCLIDES

Precision:

The data set for dissolved radionuclides contains 22 duplicate records versus 211 real records (1 in 9.59). A Duplicate Error Ratio (DER) could be calculated for 7 of the 22 paired real to duplicate records (Table 7-1). All of the 7 DER values are below the 1.96 criterion (Table 7-2) therefore precision is acceptable for second quarter radionuclide data.

Accuracy:

Required detection limits for the 247 radionuclide analyses performed in the second quarter 1999 are given in Table 7-3. All radionuclide analyses performed in the second quarter met the contract required detection limits. In general, the accuracy of radionuclide analyses appears to be good.

All radionuclide analyses were performed using the proper contract required methods in the second quarter of 1999 (Table 7-3). With respect to methods the results for the second quarter are accurate.

Representativeness:

There were 14 records from 3 rinsate locations for radionuclides collected in the second quarter (Table 7-4). This represents a ratio of 1 in 16.6 with respect to the 233 records for real and duplicate analyses.

Except for 2 of the 14 rinsate results, all analyses were below Tier II Action Levels and were designated as "U" by the laboratories. The 2 exceptions consisted of 2 "J" qualified americium-241 results that were validated as V1s and are well below the Tier II Action Level.

Three of the 14 radionuclide rinsate results were rejected in validation because the tracer recovery exceeded the upper limit of 110%. These uranium results (U-233/234, U-235 and U-238) for location 11891 while "U" qualified by the lab were given an R1 qualifier.

Either 9 of 11 (81.8%, excluding both the "Js" and R1s) or 11 of 14 (78.6%, excluding just the R1s) rinsate results were "U" (or "J") qualified, there is little indication of introduced contamination during sampling activities in the second quarter of 1999.

Completeness:

Table 7-5 indicates that 36-plutonium/amerium, 55-uranium isotope, 22-tritium and 14-strontium<sub>89/90</sub> samples were to have been collected for analyses. The success ratio for the required samples varies due to dry wells or wells that went dry during sampling: plutonium/amerium-69.4%, uranium isotope-81.8%, tritium-81.8% and strontium<sub>89/90</sub>-57.1%. Due to dry wells the completeness goal of 90% was not met.

Of 247 radionuclide analyses all were validated or verified and all except the 3 uranium analyses mentioned above are usable (Table 7-6). Radionuclide analyses are judged to be complete with respect to validation and verification.

## Comparability

No changes were made to analytical procedures in the second quarter of 1999. Thus the radionuclide analyses presented here are assumed to be comparable to previous analyses.

### 7.3 VOLATILE ORGANIC COMPOUNDS

Precision:

There were 286 duplicate records versus 3109 real records for Volatile Organic Compounds in the second quarter (approximately 1 in 10.9 samples). Of the 286 real/duplicate pairs a Relative Percent Difference (RPD) could be calculated for 9 pairs (lab qualified U results excluded, see Section 7.0 and Table 7-1). All the RPD values are less than the QC criterion of  $\leq 30\%$  (Table 7-2). In general analyses of Volatile Organic Compounds for the second quarter of 1999 are precise.

## Accuracy:

Required detection limits for VOC analyses are given in Table 7-3. The Contract Required Detection Limits (CRDLs) were met in the second quarter except in the following cases.

The analyses of 9 samples from 6 wells and 1 location were run by one of the labs at a dilution and not in the usual undiluted state. At least 2 of the wells are known to contain significant contaminants, the laboratories are warned to expect higher concentrations in order to protect their instrumentation.

This is why they chose not to run 1x dilutions. CRDLs were not met for the VOC analytes from these wells.

|                                   |                 |                            |
|-----------------------------------|-----------------|----------------------------|
| Well 11891 (real-TR1) RIN 99D7497 | analysis run at | 25x dilution, 56 analyses  |
| Well 11891 (dup-TR1) RIN 99D7497  | analysis run at | 25x dilution 56 analyses   |
| Well 12191 (TR1) RIN 99D7869      | analysis run at | 10x dilution 57 analyses   |
| Well 12191 (TR2) RIN 99D7869      | analysis run at | 25x dilution 57 analyses   |
| Well 15699 (TR1) RIN 99D6640      | analysis run at | 50x dilution 57 analyses   |
| Well 3687 (TR1) RIN 99D7057       | analysis run at | 1000x dilution 56 analyses |
| Loc 891COLWEL (TR1) RIN 99D7382   | analysis run at | 20x dilution 57 analyses   |
| Well P209289 (TR1) RIN 99D7170    | analysis run at | 5x dilution 57 analyses    |
| Well P209489 (TR1) RIN 99D7382    | analysis run at | 4x dilution 57 analyses    |

Thus 511 analyses of the 3567 analyses requested (14.3%) did not meet the CRDL requirement.

All VOC analyses were performed using the proper contract required methods in the second quarter of 1999 (Table 7-3). With respect to methods the results for the second quarter are accurate.

#### Representativeness:

There were 172 rinsate records from 3 wells for Volatile Organic Compounds (VOCs) for the second quarter of 1999 (Table 7-4). This represents a ratio of 1 in 19.7 with respect to the 3395 real/duplicate analyses

All rinsate analyses were at or below detection limits as non-detects ("U") or estimates ("J" lab qualified) except for 1,2,4-trimethylbenzene and chloromethane from well 70193. Results for trimethylbenzene and chloromethane from the real and duplicate analyses in well 70193 are qualified "U" at the 1 µg/L detection limit. Therefore the rinsate results appear to be due to laboratory contamination. There does not seem to be any indication of introduced VOC contamination for the sampling period. The VOC samples are judged to be representative.

#### Completeness:

Table 7-5 shows that 55 VOC samples were to have been collected within the second quarter, 1999. Because of dry wells only 47 wells could actually be sampled. That translates to a success ratio of 85.5% just under the goal of 90.0%. Sampling for VOCs in the second quarter are judged to be complete because all wells were visited as specified by the IMP.

All VOC samples collected in the second quarter of 1999 were validated on the assumption that the holding time for unpreserved VOC vials is 7 days. The RFETS groundwater program uses a 14-day hold time based on recent CDPHE guidance (CDPHE, 1998). Because of the 7-day hold time criteria, sample results may have received an erroneous "J" or "J1" validation qualifier if no other factors affected the analyses.

All VOC samples for the second quarter of 1999 were validated or verified (Table 7-6). All VOC results (3223) except for 1 are useable data points (100%). From the standpoint of validation qualification as it pertains to accuracy, results from this quarter are good.

#### Comparability:

As stated above no changes were made to analytical procedures in the second quarter of 1999. Thus the VOC analyses presented here are assumed to be comparable to previous analyses.

## 7.4 WATER QUALITY PARAMETERS

### Precision:

There were 16 duplicate sample records versus 117 real sample records for collected Water Quality Parameters (WQPs) during the second quarter (1 in 7.31). All of the real/duplicate pairs could be used to generate Relative Percent Difference (RPD) values (Table 7-1). All of the values (100%) were within the QC criterion of  $\leq 30\%$  (Table 7-2). These results indicate good precision for water quality parameter analyses.

### Accuracy:

Electronic data indicate that the contract required detection limits were met for all WQP analyses (Table 7-3). Analytical results for water quality parameters are judged to be accurate for the second quarter of 1999.

All WQP analyses were performed using the proper contract required methods in the second quarter of 1999 (Table 7-3). With respect to methods the results for the second quarter are accurate.

### Representativeness:

There were 8 equipment rinsate results for water quality parameters in the second quarter (Table 7-4). This represents a ratio of 1 in 16.6 with respect to the 133 real/duplicate analyses.

All 8 rinse analyses were non-detects ("U") by the laboratories (100%). Therefore, no significant introduced contamination is indicated.

### Completeness:

Table 7-5 indicates that for Water Quality Parameters 50-nitrate/nitrite, 49-total dissolved solid, 30-sulfate and 22-fluoride samples were to have been collected for analysis. This requirement was met with varying success: 82.0%-n/n, 75.5%-TDS, 73.30%-SO<sub>4</sub> and 72.7%-F. This was due to dry wells or wells that went dry during sampling, therefore the completeness goal of 90% was not met.

All 141 of the Water Quality Parameter samples collected this quarter (100%) gave usable results with respect to validation/verification (Table 7-6). Therefore, the second quarter is complete with respect to this criterion.

### Comparability:

As stated above no changes were made to analytical procedures in the second quarter of 1999. Thus the WQP analyses presented here are assumed to be comparable to previous analyses.

**Table 7-1**  
**Relative Percent Difference (RPD) and Duplicate Error Ratio (DER)** for Groundwater  
**Second Quarter, 1999**

RF/RMRS-99-453.UN

| Location                   | Sample Date | Analyte              | Real Result | Real 2 Sigma  | Real Lab/Valid  | Dup Result | Dup 2 Sigma  | Dup Lab/Valid  | Units | Absolute Value (Real-Dup) | Square Root of $(2\text{Sigma})^2 + (2\text{Sigma})^2$ | DER AbsVal/SqRt    |
|----------------------------|-------------|----------------------|-------------|---------------|-----------------|------------|--------------|----------------|-------|---------------------------|--|--------------------|
| Radionuclides              |             |                      |             |               |                 |            |              |                |       |                           |  |                    |
| 11891                      | 5/20/99     | AMERICIUM-241        | 0.0301      | 0.0143        | N/V1            | 0.0302     | 0.0156       | N/V1           | PCI/L | 0.0001                    | 0.0212   | 0.00               |
| 11891                      | 5/20/99     | PLUTONIUM-239/240    | 0.0085      | 0.0098        | U/V1            | 0.0066     | 0.0065       | J/V1           | PCI/L | 0.0019                    | 0.0118   | 0.16               |
| 11891                      | 5/20/99     | URANIUM-233,-234     | 2.778       | 0.5914        | N/V1            | 1.9209     | 0.4728       | N/V1           | PCI/L | 0.8571                    | 0.7572   | 1.13               |
| 11891                      | 5/20/99     | URANIUM-238          | 1.2684      | 0.3957        | N/V1            | 1.5097     | 0.4187       | N/V1           | PCI/L | 0.2413                    | 0.5761   | 0.42               |
| 3586                       | 4/28/99     | URANIUM-233,-234     | 3.2839      | 0.4565        | N/V1            | 3.3766     | 0.4976       | N/V1           | PCI/L | 0.0927                    | 0.6753   | 0.14               |
| 3586                       | 4/28/99     | URANIUM-235          | 0.1891      | 0.1117        | J/V1            | 0.1384     | 0.1062       | J/V1           | PCI/L | 0.0507                    | 0.1541   | 0.33               |
| 3586                       | 4/28/99     | URANIUM-238          | 2.665       | 0.4098        | N/V1            | 2.7499     | 0.4476       | N/V1           | PCI/L | 0.0849                    | 0.6069   | 0.14               |
| Location                   | Sample Date | Analyte              | Real Result | Real Lab Qual | Real Validation | Dup Result | Dup Lab Qual | Dup Validation | Units | Absolute Value (Real-Dup) | Average (Real+Dup)/2                                   | RPD AbsVal/AveX100 |
| Volatile Organic Compounds |             |                      |             |               |                 |            |              |                |       |                           |  |                    |
| 11891                      | 5/20/99     | CARBON TETRACHLORIDE | 310         |               | V1              | 300        |              | V1             | UG/L  | 10                        | 305  | 3.28               |
| 11891                      | 5/20/99     | METHYLENE CHLORIDE   | 71          | B             | UJ1             | 84         | B            | UJ1            | UG/L  | 13                        | 77.5   | 16.77              |
| 11891                      | 5/20/99     | TETRACHLOROETHENE    | 150         |               | V1              | 150        |              | V1             | UG/L  | 0                         | 150  | 0.00               |
| 11891                      | 5/20/99     | TRICHLOROETHENE      | 28          |               | V1              | 28         |              | V1             | UG/L  | 0                         | 28   | 0.00               |
| 3586                       | 4/28/99     | 1,1-DICHLOROETHANE   | 9           |               | V1              | 9          |              | V1             | UG/L  | 0                         | 9  | 0.00               |
| 70393                      | 5/18/99     | 1,1-DICHLOROETHENE   | 12          |               | V1              | 11         |              | V1             | UG/L  | 1                         | 11.5   | 8.70               |
| 70393                      | 5/18/99     | METHYLENE CHLORIDE   | 3           | B             | UJ1             | 3          | B            | UJ1            | UG/L  | 0                         | 3  | 0.00               |
| 70393                      | 5/18/99     | TETRACHLOROETHENE    | 6           |               | V1              | 6          |              | V1             | UG/L  | 0                         | 6  | 0.00               |
| 70393                      | 5/18/99     | TRICHLOROETHENE      | 17          |               | V1              | 17         |              | V1             | UG/L  | 0                         | 17   | 0.00               |
| Location                   | Sample Date | Analyte              | Real Result | Real Lab Qual | Real Validation | Dup Result | Dup Lab Qual | Dup Validation | Units | Absolute Value (Real-Dup) | Average (Real+Dup)/2                                   | RPD AbsVal/AveX100 |
| Metals                     |             |                      |             |               |                 |            |              |                |       |                           |  |                    |
| 11891                      | 5/20/99     | ALUMINUM             | 9.6         | B             | UJ1             | 13.2       | B            | UJ1            | UG/L  | 3.6                       | 11.4   | 31.58              |
| 11891                      | 5/20/99     | BARIUM               | 239         |               | V1              | 238        |              | V1             | UG/L  | 1                         | 238.5  | 0.42               |
| 11891                      | 5/20/99     | BERYLLIUM            | 0.08        | B             | UJ1             | 0.08       | B            | UJ1            | UG/L  | 0                         | 0.08   | 0.00               |
| 11891                      | 5/20/99     | CADMIUM              | 0.18        | B             | V1              | 0.16       | B            | V1             | UG/L  | 0.02                      | 0.17   | 11.76              |
| 11891                      | 5/20/99     | CALCIUM              | 120000      |               | V1              | 120000     |              | V1             | UG/L  | 0                         | 120000   | 0.00               |
| 11891                      | 5/20/99     | CHROMIUM             | 0.2         | B             | V1              | 0.22       | B            | V1             | UG/L  | 0.02                      | 0.21   | 9.52               |
| 11891                      | 5/20/99     | COPPER               | 0.36        | B             | J1              | 0.35       | B            | J1             | UG/L  | 0.01                      | 0.355  | 2.82               |
| 11891                      | 5/20/99     | IRON                 | 11.2        | B             | UJ1             | 12.9       | B            | UJ1            | UG/L  | 1.7                       | 12.05  | 14.11              |
| 11891                      | 5/20/99     | LITHIUM              | 8.1         | B             | V1              | 8.1        | B            | V1             | UG/L  | 0                         | 8.1  | 0.00               |
| 11891                      | 5/20/99     | MAGNESIUM            | 11700       |               | V1              | 11700      |              | V1             | UG/L  | 0                         | 11700  | 0.00               |
| 11891                      | 5/20/99     | MANGANESE            | 0.05        | U             | V1              | 0.09       | B            | UJ1            | UG/L  | 0.04                      | 0.07   | 57.14              |
| 11891                      | 5/20/99     | MOLYBDENUM           | 0.49        | B             | V1              | 0.65       | B            | V1             | UG/L  | 0.16                      | 0.57   | 28.07              |
| 11891                      | 5/20/99     | NICKEL               | 0.75        | B             | V1              | 0.51       | B            | V1             | UG/L  | 0.24                      | 0.63   | 38.10              |
| 11891                      | 5/20/99     | POTASSIUM            | 1290        | B             | J1              | 1270       | B            | J1             | UG/L  | 20                        | 1280   | 1.56               |
| 11891                      | 5/20/99     | SELENIUM             | 1.4         | B             | V1              | 1.2        | U            | V1             | UG/L  | 0.2                       | 1.3  | 15.38              |
| 11891                      | 5/20/99     | SODIUM               | 23300       |               | V1              | 23200      |              | V1             | UG/L  | 100                       | 23250  | 0.43               |
| 11891                      | 5/20/99     | STRONTIUM            | 442         | B             | V1              | 440        |              | V1             | UG/L  | 2                         | 441  | 0.45               |
| 11891                      | 5/20/99     | VANADIUM             | 0.49        | B             | V1              | 0.44       | B            | V1             | UG/L  | 0.05                      | 0.465  | 10.75              |
| 11891                      | 5/20/99     | ZINC                 | 3.1         | B             | V1              | 4.8        | B            | V1             | UG/L  | 1.7                       | 3.95   | 43.04              |
| 3586                       | 4/28/99     | ALUMINUM             | 6.9         | U             | V1              | 15.2       | B            | UJ1            | UG/L  | 8.3                       | 11.05  | 75.11              |
| 3586                       | 4/28/99     | ARSENIC              | 1.8         | B             | V1              | 1.1        | B            | V1             | UG/L  | 0.7                       | 1.45   | 48.28              |
| 3586                       | 4/28/99     | BARIUM               | 85.9        | B             | V1              | 87.2       | B            | V1             | UG/L  | 1.3                       | 86.55  | 1.50               |
| 3586                       | 4/28/99     | BERYLLIUM            | 0.02        | U             | V1              | 0.1        | B            | UJ1            | UG/L  | 0.08                      | 0.06   | 133.33             |
| 3586                       | 4/28/99     | CALCIUM              | 113000      |               | V1              | 114000     |              | V1             | UG/L  | 1000                      | 113500   | 0.88               |
| 3586                       | 4/28/99     | CHROMIUM             | 0.25        | B             | UJ1             | 0.25       | B            | UJ1            | UG/L  | 0                         | 0.25   | 0.00               |
| 3586                       | 4/28/99     | COBALT               | 2.8         | B             | V1              | 2.7        | B            | V1             | UG/L  | 0.1                       | 2.75   | 3.64               |
| 3586                       | 4/28/99     | COPPER               | 3.5         |               | V1              | 3.7        |              | V1             | UG/L  | 0.2                       | 3.6  | 5.56               |
| 3586                       | 4/28/99     | IRON                 | 12.6        | B             | UJ1             | 15.8       | B            | UJ1            | UG/L  | 3.2                       | 14.2   | 22.54              |
| 3586                       | 4/28/99     | LITHIUM              | 24.8        | B             | J1              | 25.3       | B            | J1             | UG/L  | 0.5                       | 25.05  | 2.00               |
| 3586                       | 4/28/99     | MAGNESIUM            | 28300       |               | V1              | 28700      |              | V1             | UG/L  | 400                       | 28500  | 1.40               |
| 3586                       | 4/28/99     | MANGANESE            | 1250        |               | V1              | 1270       |              | V1             | UG/L  | 20                        | 1260   | 1.59               |
| 3586                       | 4/28/99     | MOLYBDENUM           | 1.5         | B             | V1              | 1.6        | B            | V1             | UG/L  | 0.1                       | 1.55   | 6.45               |
| 3586                       | 4/28/99     | NICKEL               | 7.4         | B             | V1              | 7.5        | B            | V1             | UG/L  | 0.1                       | 7.45   | 1.34               |
| 3586                       | 4/28/99     | POTASSIUM            | 8570        |               | J1              | 8540       |              | J1             | UG/L  | 30                        | 8555   | 0.35               |

**Table 7-1**  
**Relative Percent Difference (RPD) and Duplicate Error Ratio (DER) for Groundwater**  
**Second Quarter, 1999**

RF/RMRS-99-453.UN

| Location | Sample Date | Analyte    | Real Result | Real Lab Qual | Real Validation | Dup Result | Dup Lab Qual | Dup Validation | Units | Absolute Value (Real+Dup)/2 | Average (Real+Dup)/2 | RPD AbsVal/AveX100 |
|----------|-------------|------------|-------------|---------------|-----------------|------------|--------------|----------------|-------|-----------------------------|----------------------|--------------------|
| Metals   |             |            |             |               |                 |            |              |                |       |                             |                      |                    |
| 3586     | 4/28/99     | SELENIUM   | 6           | V1            | 5.8             |            | V1           | UG/L           | 0.2   | 5.9                         | 3.39                 |                    |
| 3586     | 4/28/99     | SODIUM     | 116000      | V1            | 117000          |            | V1           | UG/L           | 1000  | 116500                      | 0.86                 |                    |
| 3586     | 4/28/99     | STRONTIUM  | 823         | V1            | 837             |            | V1           | UG/L           | 14    | 830                         | 1.69                 |                    |
| 3586     | 4/28/99     | VANADIUM   | 0.44        | B             | V1              | 0.53       | B            | V1             | UG/L  | 0.09                        | 0.485                | 18.56              |
| 3586     | 4/28/99     | ZINC       | 4.4         | B             | V1              | 8.9        | B            | V1             | UG/L  | 4.5                         | 6.65                 | 67.67              |
| 5887     | 5/24/99     | ALUMINUM   | 13.1        | B             | J1              | 15.9       | B            | J1             | UG/L  | 2.8                         | 14.5                 | 19.31              |
| 5887     | 5/24/99     | BARIUM     | 38.3        | B             | V1              | 38.2       | B            | V1             | UG/L  | 0.1                         | 38.25                | 0.26               |
| 5887     | 5/24/99     | BERYLLIUM  | 0.03        | B             | UJ1             | 0.02       | U            | V1             | UG/L  | 0.01                        | 0.025                | 40.00              |
| 5887     | 5/24/99     | CADMIUM    | 0.09        | B             | V1              | 0.1        | B            | V1             | UG/L  | 0.01                        | 0.095                | 10.53              |
| 5887     | 5/24/99     | CALCIUM    | 15800       |               | V1              | 15700      |              | V1             | UG/L  | 100                         | 15750                | 0.63               |
| 5887     | 5/24/99     | CHROMIUM   | 0.94        | B             | UJ1             | 0.93       | B            | UJ1            | UG/L  | 0.01                        | 0.935                | 1.07               |
| 5887     | 5/24/99     | COBALT     | 0.23        | B             | UJ1             | 0.3        | B            | UJ1            | UG/L  | 0.07                        | 0.265                | 26.42              |
| 5887     | 5/24/99     | COPPER     | 3.7         |               | V1              | 3.5        |              | V1             | UG/L  | 0.2                         | 3.6                  | 5.56               |
| 5887     | 5/24/99     | IRON       | 16.3        | B             | UJ1             | 23.3       | B            | UJ1            | UG/L  | 7                           | 19.8                 | 35.35              |
| 5887     | 5/24/99     | LEAD       | 2.4         |               | J1              | 0.72       | U            | V1             | UG/L  | 1.68                        | 1.56                 | 107.69             |
| 5887     | 5/24/99     | LITHIUM    | 1.6         | B             | V1              | 1.6        | B            | V1             | UG/L  | 0                           | 1.6                  | 0.00               |
| 5887     | 5/24/99     | MAGNESIUM  | 3720        | B             | V1              | 3710       | B            | V1             | UG/L  | 10                          | 3715                 | 0.27               |
| 5887     | 5/24/99     | MANGANESE  | 1.3         | B             | V1              | 1.3        | B            | V1             | UG/L  | 0                           | 1.3                  | 0.00               |
| 5887     | 5/24/99     | NICKEL     | 1.7         | B             | J1              | 2          | B            | J1             | UG/L  | 0.3                         | 1.85                 | 16.22              |
| 5887     | 5/24/99     | POTASSIUM  | 659         | B             | V1              | 659        | B            | V1             | UG/L  | 0                           | 659                  | 0.00               |
| 5887     | 5/24/99     | SELENIUM   | 1.3         | B             | V1              | 1.2        | U            | V1             | UG/L  | 0.1                         | 1.25                 | 8.00               |
| 5887     | 5/24/99     | SODIUM     | 4570        | B             | V1              | 4560       |              | V1             | UG/L  | 10                          | 4565                 | 0.22               |
| 5887     | 5/24/99     | STRONTIUM  | 96.9        | B             | V1              | 96.4       | B            | V1             | UG/L  | 0.5                         | 96.65                | 0.52               |
| 5887     | 5/24/99     | VANADIUM   | 0.22        | B             | UJ1             | 0.31       | B            | UJ1            | UG/L  | 0.09                        | 0.265                | 33.96              |
| 5887     | 5/24/99     | ZINC       | 8.2         | B             | UJ1             | 7          | B            | UJ1            | UG/L  | 1.2                         | 7.6                  | 15.79              |
| 70193    | 5/6/99      | ANTIMONY   | 0.48        | U             | V               | 0.68       | B            | UJ             | UG/L  | 0.2                         | 0.58                 | 34.48              |
| 70193    | 5/6/99      | BARIUM     | 76.5        | B             | V               | 75         | B            | V              | UG/L  | 1.5                         | 75.75                | 1.98               |
| 70193    | 5/6/99      | CADMIUM    | 0.13        | B             | UJ              | 0.18       | B            | UJ             | UG/L  | 0.05                        | 0.155                | 32.26              |
| 70193    | 5/6/99      | CALCIUM    | 20600       |               | V               | 20300      |              | V              | UG/L  | 300                         | 20450                | 1.47               |
| 70193    | 5/6/99      | CHROMIUM   | 0.32        | B             | UJ              | 0.59       | B            | UJ             | UG/L  | 0.27                        | 0.455                | 59.34              |
| 70193    | 5/6/99      | COPPER     | 1.1         | B             | UJ              | 1.1        | B            | UJ             | UG/L  | 0                           | 1.1                  | 0.00               |
| 70193    | 5/6/99      | IRON       | 7.9         | B             | V               | 7.4        | B            | V              | UG/L  | 0.5                         | 7.65                 | 6.54               |
| 70193    | 5/6/99      | LITHIUM    | 7.7         | B             | V               | 7.7        | B            | V              | UG/L  | 0                           | 7.7                  | 0.00               |
| 70193    | 5/6/99      | MAGNESIUM  | 4170        | B             | V               | 4030       | B            | V              | UG/L  | 140                         | 4100                 | 3.41               |
| 70193    | 5/6/99      | MANGANESE  | 0.72        | B             | UJ              | 0.46       | B            | UJ             | UG/L  | 0.26                        | 0.59                 | 44.07              |
| 70193    | 5/6/99      | MOLYBDENUM | 0.3         | U             | V               | 0.4        | B            | V              | UG/L  | 0.1                         | 0.35                 | 28.57              |
| 70193    | 5/6/99      | NICKEL     | 0.56        | B             | UJ              | 0.66       | B            | UJ             | UG/L  | 0.1                         | 0.61                 | 16.39              |
| 70193    | 5/6/99      | POTASSIUM  | 825         | B             | J               | 747        | B            | J              | UG/L  | 78                          | 786                  | 9.92               |
| 70193    | 5/6/99      | SELENIUM   | 1.2         | B             | J               | 1.3        | B            | J              | UG/L  | 0.1                         | 1.25                 | 8.00               |
| 70193    | 5/6/99      | SODIUM     | 10100       |               | V               | 9800       |              | V              | UG/L  | 300                         | 9950                 | 3.02               |
| 70193    | 5/6/99      | STRONTIUM  | 123         | B             | V               | 120        | B            | V              | UG/L  | 3                           | 121.5                | 2.47               |
| 70193    | 5/6/99      | THALLIUM   | 0.89        | B             | UJ              | 0.88       | U            | V              | UG/L  | 0.01                        | 0.885                | 1.13               |
| 70193    | 5/6/99      | TIN        | 0.82        | B             | UJ              | 0.68       | U            | V              | UG/L  | 0.14                        | 0.75                 | 18.67              |
| 70193    | 5/6/99      | VANADIUM   | 0.38        | B             | UJ              | 0.38       | B            | UJ             | UG/L  | 0                           | 0.38                 | 0.00               |
| 70193    | 5/6/99      | ZINC       | 5.4         | B             | V               | 12.1       | B            | V              | UG/L  | 6.7                         | 8.75                 | 76.57              |
| 70393    | 5/18/99     | ALUMINUM   | 11.8        | B             | J1              | 5          | U            | J1             | UG/L  | 6.8                         | 8.4                  | 80.95              |
| 70393    | 5/18/99     | BARIUM     | 53.9        | B             | V1              | 53.2       | B            | V1             | UG/L  | 0.7                         | 53.55                | 1.31               |
| 70393    | 5/18/99     | CADMIUM    | 0.31        | B             | V1              | 0.08       | U            | V1             | UG/L  | 0.23                        | 0.195                | 117.95             |
| 70393    | 5/18/99     | CALCIUM    | 19100       |               | V1              | 19700      |              | V1             | UG/L  | 600                         | 19400                | 3.09               |
| 70393    | 5/18/99     | CHROMIUM   | 0.28        | B             | UJ1             | 0.38       | B            | UJ1            | UG/L  | 0.1                         | 0.33                 | 30.30              |
| 70393    | 5/18/99     | COPPER     | 0.52        | B             | J1              | 0.25       | U            | J1             | UG/L  | 0.27                        | 0.385                | 70.13              |
| 70393    | 5/18/99     | IRON       | 13.7        | B             | V1              | 11         | B            | V1             | UG/L  | 2.7                         | 12.35                | 21.86              |
| 70393    | 5/18/99     | LITHIUM    | 5.4         | B             | V1              | 5.4        | B            | V1             | UG/L  | 0                           | 5.4                  | 0.00               |
| 70393    | 5/18/99     | MAGNESIUM  | 3790        | B             | V1              | 3800       | B            | V1             | UG/L  | 10                          | 3795                 | 0.26               |
| 70393    | 5/18/99     | MANGANESE  | 1.3         | B             | V1              | 1.3        | B            | V1             | UG/L  | 0                           | 1.3                  | 0.00               |
| 70393    | 5/18/99     | MOLYBDENUM | 0.3         | U             | V1              | 0.41       | B            | UJ1            | UG/L  | 0.11                        | 0.355                | 30.99              |
| 70393    | 5/18/99     | NICKEL     | 1.6         | B             | V1              | 1.7        | B            | V1             | UG/L  | 0.1                         | 1.65                 | 6.06               |
| 70393    | 5/18/99     | POTASSIUM  | 443         | B             | V1              | 418        | B            | V1             | UG/L  | 25                          | 430.5                | 5.81               |
| 70393    | 5/18/99     | SODIUM     | 12200       |               | V1              | 11800      |              | V1             | UG/L  | 400                         | 12000                | 3.33               |
| 70393    | 5/18/99     | STRONTIUM  | 107         | B             | V1              | 106        | B            | V1             | UG/L  | 1                           | 106.5                | 0.94               |
| 70393    | 5/18/99     | ZINC       | 3.5         | B             | V1              | 5.1        | B            | V1             | UG/L  | 1.6                         | 4.3                  | 37.21              |

**Table 7-1**  
**Relative Percent Difference (RPD) and Duplicate Error Ratio (DER) for Groundwater**  
**Second Quarter, 1999**

RF/RMRS-99-453.UN

| Location                 | Sample Date | Analyte                | Real Result | Real Lab Qual | Real Validation | Dup Result | Dup Lab Qual | Dup Validation | Units | Absolute Value (Real-Dup) | Average (Real+Dup)/2 | RPD AbsVal/AveX100 |
|--------------------------|-------------|------------------------|-------------|---------------|-----------------|------------|--------------|----------------|-------|---------------------------|----------------------|--------------------|
| Water Quality Parameters |             |                        |             |               |                 |            |              |                |       |                           |                      |                    |
| 11891                    | 5/20/99     | NITRATE/NITRITE        | 5.2         | V             | 5.3             |            | V            | MG/L           | 0.1   | 5.25                      | 1.90                 |                    |
| 11891                    | 5/20/99     | TOTAL DISSOLVED SOLIDS | 550         | V             | 580             |            | V            | MG/L           | 30    | 565                       | 5.31                 |                    |
| 3586                     | 4/28/99     | NITRATE/NITRITE        | 1.8         | V1            | 1.8             |            | V1           | MG/L           | 0     | 1.8                       | 0.00                 |                    |
| 3586                     | 4/28/99     | TOTAL DISSOLVED SOLIDS | 800         | V1            | 790             |            | V1           | MG/L           | 10    | 795                       | 1.26                 |                    |
| 5887                     | 5/24/99     | FLUORIDE               | 0.12        | V             | 0.12            |            | V            | MG/L           | 0     | 0.12                      | 0.00                 |                    |
| 5887                     | 5/24/99     | NITRATE/NITRITE        | 2.4         | V             | 2.2             |            | V            | MG/L           | 0.2   | 2.3                       | 8.70                 |                    |
| 5887                     | 5/24/99     | SULFATE                | 24          | V             | 24              |            | V            | MG/L           | 0     | 24                        | 0.00                 |                    |
| 5887                     | 5/24/99     | TOTAL DISSOLVED SOLIDS | 120         | V             | 98              |            | V            | MG/L           | 22    | 109                       | 20.18                |                    |
| 70193                    | 5/6/99      | FLUORIDE               | 0.17        | V1            | 0.16            |            | V1           | MG/L           | 0.01  | 0.165                     | 6.06                 |                    |
| 70193                    | 5/6/99      | NITRATE/NITRITE        | 2.5         | V1            | 3               |            | V1           | MG/L           | 0.5   | 2.75                      | 18.18                |                    |
| 70193                    | 5/6/99      | SULFATE                | 23          | V1            | 23              |            | V1           | MG/L           | 0     | 23                        | 0.00                 |                    |
| 70193                    | 5/6/99      | TOTAL DISSOLVED SOLIDS | 120         | V1            | 130             |            | V1           | MG/L           | 10    | 125                       | 8.00                 |                    |
| 70393                    | 5/18/99     | FLUORIDE               | 0.12        | V             | 0.1             |            | V            | MG/L           | 0.02  | 0.11                      | 18.18                |                    |
| 70393                    | 5/18/99     | NITRATE/NITRITE        | 5.1         | V             | 5.3             |            | V            | MG/L           | 0.2   | 5.2                       | 3.85                 |                    |
| 70393                    | 5/18/99     | SULFATE                | 30          | V             | 31              |            | V            | MG/L           | 1     | 30.5                      | 3.28                 |                    |
| 70393                    | 5/18/99     | TOTAL DISSOLVED SOLIDS | 130         | V             | 140             |            | V            | MG/L           | 10    | 135                       | 7.41                 |                    |

**Table 7-2**  
**Summary of RPD and DER Results**  
**Groundwater First Quarter, 1999**

RF/RMRS-99-422.UN

| Sample Group               | QC Criterion for RPD or DER Value | Original Number of Available Real/Dup Pairs | Number of RPDs/DERs Calculated | Number of RPDs/DERs Within Criteria | Overall Precision Compliance (Goal = 85%) |
|----------------------------|-----------------------------------|---|--------------------------------|-------------------------------------|---|
| Radionuclides              | less than 1.96                    | 22  | 7                              | 7                                   | 100%                                      |
| Volatile Organic Compounds | less than 30%                     | 286   | 9                              | 9                                   | 100%                                      |
| Metals                     | less than 30%                     | 135   | 95                             | 70                                  | 74%                                       |
| Water Quality Parameters   | less than 30%                     | 16  | 16                             | 16                                  | 100%                                      |

\*Based on 459 original Real-Duplicate pairs. Calculations not made for results qualified as undetected for any analyte. This includes "U" qualified data for volatile organic compounds and "U" and "B" qualified data for inorganic compounds.

**Table 7-3**  
**Contract Required Detection Limits for Groundwater Analytes**

| Volatile Organic Compounds |                             |                 |     |       |
|----------------------------|-----------------------------|-----------------|-----|-------|
| CAS #                      | Analyte                     | Required Method | RDL | Units |
| 630-20-6                   | 1,1,1,2-Tetrachloroethane   | EPA 524.2       | 1   | ug/L  |
| 71-55-6                    | 1,1,1-Trichloroethane       | EPA 524.2       | 1   | ug/L  |
| 79-34-5                    | 1,1,2,2-Tetrachloroethane   | EPA 524.2       | 1   | ug/L  |
| 79-00-5                    | 1,1,2-Trichloroethane       | EPA 524.2       | 1   | ug/L  |
| 75-34-3                    | 1,1-Dichloroethane          | EPA 524.2       | 1   | ug/L  |
| 75-35-4                    | 1,1-Dichloroethene          | EPA 524.2       | 1   | ug/L  |
| 563-58-6                   | 1,1-Dichloropropene         | EPA 524.2       | 1   | ug/L  |
| 87-61-6                    | 1,2,3-Trichlorobenzene      | EPA 524.2       | 1   | ug/L  |
| 96-18-4                    | 1,2,3-Trichloropropane      | EPA 524.2       | 1   | ug/L  |
| 120-82-1                   | 1,2,4-Trichlorobenzene      | EPA 524.2       | 1   | ug/L  |
| 95-63-6                    | 1,2,4-Trimethylbenzene      | EPA 524.2       | 1   | ug/L  |
| 96-12-8                    | 1,2-Dibromo-3-chloropropane | EPA 524.2       | 1   | ug/L  |
| 106-93-4                   | 1,2-Dibromoethane           | EPA 524.2       | 1   | ug/L  |
| 95-50-1                    | 1,2-Dichlorobenzene         | EPA 524.2       | 1   | ug/L  |
| 107-06-2                   | 1,2-Dichloroethane          | EPA 524.2       | 1   | ug/L  |
| 78-87-5                    | 1,2-Dichloropropane         | EPA 524.2       | 1   | ug/L  |
| 108-67-8                   | 1,3,5-Trimethylbenzene      | EPA 524.2       | 1   | ug/L  |
| 541-73-1                   | 1,3-Dichlorobenzene         | EPA 524.2       | 1   | ug/L  |
| 142-28-9                   | 1,3-Dichloropropane         | EPA 524.2       | 1   | ug/L  |
| 106-46-7                   | 1,4-Dichlorobenzene         | EPA 524.2       | 1   | ug/L  |
| 594-20-7                   | 2,2-Dichloropropane         | EPA 524.2       | 1   | ug/L  |
| 95-49-8                    | 2-Chlorotoluene             | EPA 524.2       | 1   | ug/L  |
| 106-43-4                   | 4-Chlorotoluene             | EPA 524.2       | 1   | ug/L  |
| 71-43-2                    | Benzene                     | EPA 524.2       | 1   | ug/L  |
| 108-86-1                   | Bromobenzene                | EPA 524.2       | 1   | ug/L  |
| 74-97-5                    | Bromochloromethane          | EPA 524.2       | 1   | ug/L  |
| 75-27-4                    | Bromodichloromethane        | EPA 524.2       | 1   | ug/L  |
| 75-25-2                    | Bromoform                   | EPA 524.2       | 1   | ug/L  |
| 74-83-9                    | Bromomethane                | EPA 524.2       | 1   | ug/L  |
| 56-23-5                    | Carbon Tetrachloride        | EPA 524.2       | 1   | ug/L  |
| 108-90-7                   | Chlorobenzene               | EPA 524.2       | 1   | ug/L  |
| 75-00-3                    | Chloroethane                | EPA 524.2       | 1   | ug/L  |
| 67-66-3                    | Chloroform                  | EPA 524.2       | 1   | ug/L  |
| 74-87-3                    | Chloromethane               | EPA 524.2       | 1   | ug/L  |
| 156-59-2                   | cis-1,2-Dichloroethene      | EPA 524.2       | 1   | ug/L  |
| 10061-01-5                 | cis-1,3-Dichloropropene     | EPA 524.2       | 1   | ug/L  |
| 124-48-1                   | Dibromochloromethane        | EPA 524.2       | 1   | ug/L  |
| 74-95-3                    | Dibromomethane              | EPA 524.2       | 1   | ug/L  |
| 75-71-8                    | Dichlorodifluoromethane     | EPA 524.2       | 1   | ug/L  |
| 100-41-4                   | Ethylbenzene                | EPA 524.2       | 1   | ug/L  |
| 87-68-3                    | Hexachlorobutadiene         | EPA 524.2       | 1   | ug/L  |
| 98-82-8                    | Isopropylbenzene            | EPA 524.2       | 1   | ug/L  |
| 000-00-0                   | m/p-Xylene                  | EPA 524.2       | 1   | ug/L  |
| 75-09-2                    | Methylene Chloride          | EPA 524.2       | 1   | ug/L  |
| 91-20-3                    | Naphthalene                 | EPA 524.2       | 1   | ug/L  |
| 104-51-8                   | n-Butylbenzene              | EPA 524.2       | 1   | ug/L  |
| 103-65-1                   | n-Propylbenzene             | EPA 524.2       | 1   | ug/L  |
| 95-47-6                    | o-Xylene                    | EPA 524.2       | 1   | ug/L  |
| 99-87-6                    | p-Isopropyltoluene          | EPA 524.2       | 1   | ug/L  |
| 135-98-8                   | sec-Butylbenzene            | EPA 524.2       | 1   | ug/L  |
| 100-42-5                   | Styrene                     | EPA 524.2       | 1   | ug/L  |
| 98-06-6                    | tert-Butylbenzene           | EPA 524.2       | 1   | ug/L  |
| 127-18-4                   | Tetrachloroethene           | EPA 524.2       | 1   | ug/L  |
| 108-88-3                   | Toluene                     | EPA 524.2       | 1   | ug/L  |
| 156-60-5                   | trans-1,2-Dichloroethene    | EPA 524.2       | 1   | ug/L  |
| 10061-02-6                 | trans-1,3-Dichloropropene   | EPA 524.2       | 1   | ug/L  |
| 79-01-6                    | Trichloroethene             | EPA 524.2       | 1   | ug/L  |
| 75-69-4                    | Trichlorofluoromethane      | EPA 524.2       | 1   | ug/L  |
| 75-01-4                    | Vinyl chloride              | EPA 524.2       | 1   | ug/L  |

**Table 7-3**  
**Contract Required Detection Limits for Groundwater Analytes**

RF/RMRS-99-453.UN

| <b>Dissolved Metals</b>         |                                |                           |      |       |
|---------------------------------|--------------------------------|---------------------------|------|-------|
| CAS #                           | Analyte                        | Required Method           | RDL  | Units |
| 7429-90-5                       | Aluminum                       | CLP-SOW-Dissolved/Total   | 17   | ug/L  |
| 7440-36-0                       | Antimony                       | CLP-SOW-Dissolved/Total   | 1    | ug/L  |
| 7440-38-2                       | Arsenic                        | CLP-SOW-Dissolved/Total   | 1    | ug/L  |
| 7440-39-3                       | Barium                         | CLP-SOW-Dissolved/Total   | 100  | ug/L  |
| 7440-41-7                       | Beryllium                      | CLP-SOW-Dissolved/Total   | 1    | ug/L  |
| 7440-43-9                       | Cadmium                        | CLP-SOW-Dissolved/Total   | 0.3  | ug/L  |
| 7440-70-2                       | Calcium                        | CLP-SOW-Dissolved/Total   | 5000 | ug/L  |
| 7440-47-3                       | Chromium                       | CLP-SOW-Dissolved/Total   | 2    | ug/L  |
| 7440-48-4                       | Cobalt                         | CLP-SOW-Dissolved/Total   | 50   | ug/L  |
| 7440-50-8                       | Copper                         | CLP-SOW-Dissolved/Total   | 3    | ug/L  |
| 7439-89-6                       | Iron                           | CLP-SOW-Dissolved/Total   | 100  | ug/L  |
| 7439-92-1                       | Lead                           | CLP-SOW-Dissolved/Total   | 1    | ug/L  |
| 7439-93-2                       | Lithium                        | CLP-SOW-Dissolved/Total   | 100  | ug/L  |
| 7439-95-4                       | Magnesium                      | CLP-SOW-Dissolved/Total   | 5000 | ug/L  |
| 7439-96-5                       | Manganese                      | CLP-SOW-Dissolved/Total   | 15   | ug/L  |
| 7439-97-6                       | Mercury                        | CLP-SOW-Dissolved/Total   | 0.1  | ug/L  |
| 7439-98-7                       | Molybdenum                     | CLP-SOW-Dissolved/Total   | 30   | ug/L  |
| 7440-02-0                       | Nickel                         | CLP-SOW-Dissolved/Total   | 20   | ug/L  |
| 7440-09-7                       | Potassium                      | CLP-SOW-Dissolved/Total   | 5000 | ug/L  |
| 7782-49-2                       | Selenium                       | CLP-SOW-Dissolved/Total   | 1    | ug/L  |
| 7440-22-4                       | Silver                         | CLP-SOW-Dissolved/Total   | 0.1  | ug/L  |
| 7440-23-5                       | Sodium                         | CLP-SOW-Dissolved/Total   | 5000 | ug/L  |
| 7440-24-6                       | Strontium                      | CLP-SOW-Dissolved/Total   | 200  | ug/L  |
| 7440-28-0                       | Thallium                       | CLP-SOW-Dissolved/Total   | 0.5  | ug/L  |
| 7440-31-5                       | Tin                            | CLP-SOW-Dissolved/Total   | 200  | ug/L  |
| 7440-62-2                       | Vanadium                       | CLP-SOW-Dissolved/Total   | 40   | ug/L  |
| 7440-66-6                       | Zinc                           | CLP-SOW-Dissolved/Total   | 20   | ug/L  |
| <b>Water Quality Parameters</b> |                                |                           |      |       |
| CAS #                           | Analyte                        | Required Method           | RDL  | Units |
| 16984-48-8                      | Fluoride                       | EPA 300.0                 | 0.5  | mg/L  |
| C-005                           | Nitrate/Nitrite as N (Total)   | EPA 353.2                 | 0.05 | mg/L  |
| 10-33-3                         | Solids, Total Dissolved Solids | EPA 160.1                 | 10   | mg/L  |
| 14808-79-8                      | Sulfate as SO42-               | EPA 375.1                 | 5    | mg/L  |
| <b>Radionuclides</b>            |                                |                           |      |       |
| CAS #                           | Analyte                        | Required Method           | RDL  | Units |
| 14596-10-2                      | Americium-241                  | Alpha Spec. (EPA A-001)   | 0.03 | pCi/L |
| 10-12-8                         | Plutonium-239/240              | Alpha Spec. (EPA A-001)   | 0.03 | pCi/L |
| 11-10-9                         | Strontium 89/90                | Gas Flow (EPA 900.0)      | 1    | pCi/L |
| 11-08-5                         | Uranium-233/234                | Alpha Spec. (EPA A-001)   | 1    | pCi/L |
| 15117-96-1                      | Uranium-235                    | Alpha Spec. (EPA A-001)   | 1    | pCi/L |
| 7440-61-1                       | Uranium-238                    | Alpha Spec. (EPA A-001)   | 1    | pCi/L |
| 10028-17-8                      | Tritium                        | Liquid Scint. (EPA A-002) | 400  | pCi/L |

**Table 7-4**  
**Equipment Rinsate Results**  
**Groundwater - Second Quarter, 1999**

RF/RMRS-99-453.UN

| Location                          | Sample Date | Sample #  | Analyte                   | Tier 2 | Result | Units     | Lab Qual. | Det. Lim. | Dilu.    | Valid. |     |
|-----------------------------------|-------------|-----------|---------------------------|--------|--------|-----------|-----------|-----------|----------|--------|-----|
| <b>Radionuclides</b>              |             |           |                           |        |        |           |           |           |          |        |     |
| 3586                              | 4/28/99     | GW06390TE | AMERICIUM-241             |        | 0.145  | 0.0208    | PCI/L     | J         | 0.0137   |        |     |
| 3586                              | 4/28/99     | GW06390TE | PLUTONIUM-239/240         |        | 0.151  | 0.0017    | PCI/L     | U         | 0.0152   | V1     |     |
| 3586                              | 4/28/99     | GW06390TE | URANIUM-233,-234          |        | 1.07   | 0.0864    | PCI/L     | U         | 0.1345   | V1     |     |
| 3586                              | 4/28/99     | GW06390TE | URANIUM-235               |        | 1.01   | 0.0105    | PCI/L     | U         | 0.1198   | V1     |     |
| 3586                              | 4/28/99     | GW06390TE | URANIUM-238               |        | 0.768  | -0.0242   | PCI/L     | U         | 0.1577   | V1     |     |
| 11891                             | 5/20/99     | GW06347TE | AMERICIUM-241             |        | 0.145  | 0.0069    | PCI/L     | J         | 0.0062   | V1     |     |
| 11891                             | 5/20/99     | GW06347TE | PLUTONIUM-239/240         |        | 0.151  | 0.0019    | PCI/L     | U         | 0.0182   | V1     |     |
| 11891                             | 5/20/99     | GW06347TE | URANIUM-233,-234          |        | 1.07   | -0.0289   | PCI/L     | U         | 0.2194   | R1     |     |
| 11891                             | 5/20/99     | GW06347TE | URANIUM-235               |        | 1.01   | -0.0072   | PCI/L     | U         | 0.1505   | R1     |     |
| 11891                             | 5/20/99     | GW06347TE | URANIUM-238               |        | 0.768  | 0         | PCI/L     | U         | 0.0817   | R1     |     |
| 70193                             | 5/6/99      | GW06399TE | TRITIUM                   |        | 666    | -189.5672 | PCI/L     | U         | 258.1789 | V1     |     |
| 70193                             | 5/6/99      | GW06399TE | URANIUM-233,-234          |        | 1.07   | -0.0135   | PCI/L     | U         | 0.2548   | V1     |     |
| 70193                             | 5/6/99      | GW06399TE | URANIUM-235               |        | 1.01   | 0.016     | PCI/L     | U         | 0.1822   | V1     |     |
| 70193                             | 5/6/99      | GW06399TE | URANIUM-238               |        | 0.768  | -0.0073   | PCI/L     | U         | 0.1532   | V1     |     |
| <b>Volatile Organic Compounds</b> |             |           |                           |        |        |           |           |           |          |        |     |
| 3586                              | 4/28/99     | GW06390TE | 1,1,1,2-TETRACHLOROETHANE |        |        | 1         | UG/L      | U         | 1        | 1      | V1  |
| 3586                              | 4/28/99     | GW06390TE | 1,1,1-TRICHLOROETHANE     |        | 200    | 1         | UG/L      | U         | 1        | 1      | V1  |
| 3586                              | 4/28/99     | GW06390TE | 1,1,2,2-TETRACHLOROETHANE |        | 0.0895 | 1         | UG/L      | U         | 1        | 1      | V1  |
| 3586                              | 4/28/99     | GW06390TE | 1,1,2-TRICHLOROETHANE     |        | 5      | 1         | UG/L      | U         | 1        | 1      | V1  |
| 3586                              | 4/28/99     | GW06390TE | 1,1-DICHLOROETHANE        |        | 1010   | 1         | UG/L      | U         | 1        | 1      | V1  |
| 3586                              | 4/28/99     | GW06390TE | 1,1-DICHLOROETHENE        |        | 7      | 1         | UG/L      | U         | 1        | 1      | V1  |
| 3586                              | 4/28/99     | GW06390TE | 1,1-DICHLOROPROPENE       |        |        | 1         | UG/L      | U         | 1        | 1      | V1  |
| 3586                              | 4/28/99     | GW06390TE | 1,2,3-TRICHLOROBENZENE    |        |        | 1         | UG/L      | U         | 1        | 1      | UJ1 |
| 3586                              | 4/28/99     | GW06390TE | 1,2,3-TRICHLOROPROPANE    |        |        | 1         | UG/L      | U         | 1        | 1      | V1  |
| 3586                              | 4/28/99     | GW06390TE | 1,2,4-TRICHLOROBENZENE    |        | 70     | 1         | UG/L      | U         | 1        | 1      | UJ1 |
| 3586                              | 4/28/99     | GW06390TE | 1,2-DIBROMOETHANE         |        |        | 1         | UG/L      | U         | 1        | 1      | V1  |
| 3586                              | 4/28/99     | GW06390TE | 1,2-DICHLOROBENZENE       |        | 600    | 1         | UG/L      | U         | 1        | 1      | UJ1 |
| 3586                              | 4/28/99     | GW06390TE | 1,2-DICHLOROPROPANE       |        | 5      | 1         | UG/L      | U         | 1        | 1      | V1  |
| 3586                              | 4/28/99     | GW06390TE | 1,3-DICHLOROBENZENE       |        | 600    | 1         | UG/L      | U         | 1        | 1      | UJ1 |
| 3586                              | 4/28/99     | GW06390TE | 1,3-DICHLOROPROPANE       |        |        | 1         | UG/L      | U         | 1        | 1      | V1  |
| 3586                              | 4/28/99     | GW06390TE | 1,4-DICHLOROBENZENE       |        | 75     | 1         | UG/L      | U         | 1        | 1      | UJ1 |
| 3586                              | 4/28/99     | GW06390TE | 2,2-DICHLOROPROPANE       |        |        | 1         | UG/L      | U         | 1        | 1      | V1  |
| 3586                              | 4/28/99     | GW06390TE | 4-ISOPROPYLtoluene        |        |        | 1         | UG/L      | U         | 1        | 1      | UJ1 |
| 3586                              | 4/28/99     | GW06390TE | BENZENE                   |        | 5      | 1         | UG/L      | U         | 1        | 1      | UJ1 |
| 3586                              | 4/28/99     | GW06390TE | BENZENE, 1,2,4-TRIMETHYL  |        |        | 1         | UG/L      | U         | 1        | 1      | UJ1 |
| 3586                              | 4/28/99     | GW06390TE | BENZENE, 1,3,5-TRIMETHYL- |        |        | 1         | UG/L      | U         | 1        | 1      | UJ1 |
| 3586                              | 4/28/99     | GW06390TE | BROMOBENZENE              |        |        | 1         | UG/L      | U         | 1        | 1      | UJ1 |
| 3586                              | 4/28/99     | GW06390TE | BROMOCHLOROMETHANE        |        |        | 1         | UG/L      | U         | 1        | 1      | V1  |
| 3586                              | 4/28/99     | GW06390TE | BROMODICHLOROMETHANE      |        | 100    | 1         | UG/L      | U         | 1        | 1      | V1  |
| 3586                              | 4/28/99     | GW06390TE | BROMOFORM                 |        | 100    | 1         | UG/L      | U         | 1        | 1      | V1  |
| 3586                              | 4/28/99     | GW06390TE | BROMOMETHANE              |        | 10.9   | 1         | UG/L      | U         | 1        | 1      | V1  |
| 3586                              | 4/28/99     | GW06390TE | CARBON TETRACHLORIDE      |        | 5      | 1         | UG/L      | U         | 1        | 1      | V1  |
| 3586                              | 4/28/99     | GW06390TE | CHLOROBENZENE             |        | 100    | 1         | UG/L      | U         | 1        | 1      | UJ1 |
| 3586                              | 4/28/99     | GW06390TE | CHLOROETHANE              |        | 27800  | 1         | UG/L      | U         | 1        | 1      | V1  |
| 3586                              | 4/28/99     | GW06390TE | CHLOROFORM                |        | 100    | 1         | UG/L      | U         | 1        | 1      | V1  |
| 3586                              | 4/28/99     | GW06390TE | CHLOROMETHANE             |        | 2.32   | 1         | UG/L      | U         | 1        | 1      | V1  |
| 3586                              | 4/28/99     | GW06390TE | cis-1,2-DICHLOROETHENE    |        | 70     | 1         | UG/L      | U         | 1        | 1      | V1  |
| 3586                              | 4/28/99     | GW06390TE | cis-1,3-DICHLOROPROPENE   |        | 0.127  | 1         | UG/L      | U         | 1        | 1      | V1  |

**Table 7-4**  
**Equipment Rinsate Results**  
**Groundwater - Second Quarter, 1999**

RF/RMRS-99-453.UN

| Location | Sample Date | Sample #  | Analyte                        | Tier 2 | Result | Units | Lab Qual. | Det. Lim. | Dilu. | Valid. |
|----------|-------------|-----------|--------------------------------|--------|--------|-------|-----------|-----------|-------|--------|
| 3586     | 4/28/99     | GW06390TE | DIBROMOCHLOROMETHANE           | 1.01   | 1      | UG/L  | U         | 1         | 1     | V1     |
| 3586     | 4/28/99     | GW06390TE | DIBROMOMETHANE                 |        | 1      | UG/L  | U         | 1         | 1     | V1     |
| 3586     | 4/28/99     | GW06390TE | DICHLORODIFLUOROMETHANE        |        | 1      | UG/L  | U         | 1         | 1     | V1     |
| 3586     | 4/28/99     | GW06390TE | ETHYLBENZENE                   | 700    | 1      | UG/L  | U         | 1         | 1     | UJ1    |
| 3586     | 4/28/99     | GW06390TE | HEXACHLOROBUTADIENE            | 1.09   | 1      | UG/L  | U         | 1         | 1     | V1     |
| 3586     | 4/28/99     | GW06390TE | ISOPROPYLBENZENE               |        | 1      | UG/L  | U         | 1         | 1     | UJ1    |
| 3586     | 4/28/99     | GW06390TE | METHYLENE CHLORIDE             | 5      | 0.1    | UG/L  | BJ        | 1         | 1     | JB1    |
| 3586     | 4/28/99     | GW06390TE | NAPHTHALENE                    | 1460   | 1      | UG/L  | U         | 1         | 1     | UJ1    |
| 3586     | 4/28/99     | GW06390TE | n-BUTYLBENZENE                 |        | 1      | UG/L  | U         | 1         | 1     | UJ1    |
| 3586     | 4/28/99     | GW06390TE | n-PROPYLBENZENE                |        | 1      | UG/L  | U         | 1         | 1     | UJ1    |
| 3586     | 4/28/99     | GW06390TE | o-CHLOROTOLUENE                |        | 1      | UG/L  | U         | 1         | 1     | UJ1    |
| 3586     | 4/28/99     | GW06390TE | p-CHLOROTOLUENE                |        | 1      | UG/L  | U         | 1         | 1     | UJ1    |
| 3586     | 4/28/99     | GW06390TE | PROPANE, 1,2-DIBROMO-3-CHLORO- | 0.2    | 1      | UG/L  | U         | 1         | 1     | V1     |
| 3586     | 4/28/99     | GW06390TE | sec-BUTYLBENZENE               |        | 1      | UG/L  | U         | 1         | 1     | UJ1    |
| 3586     | 4/28/99     | GW06390TE | STYRENE                        | 100    | 1      | UG/L  | U         | 1         | 1     | UJ1    |
| 3586     | 4/28/99     | GW06390TE | tert-BUTYLBENZENE              |        | 1      | UG/L  | U         | 1         | 1     | UJ1    |
| 3586     | 4/28/99     | GW06390TE | TETRACHLOROETHENE              | 5      | 1      | UG/L  | U         | 1         | 1     | V1     |
| 3586     | 4/28/99     | GW06390TE | TOLUENE                        | 1000   | 1      | UG/L  | U         | 1         | 1     | UJ1    |
| 3586     | 4/28/99     | GW06390TE | TOTAL XYLEMES                  | 10000  | 1      | UG/L  | U         | 1         | 1     | UJ1    |
| 3586     | 4/28/99     | GW06390TE | trans-1,2-DICHLOROETHENE       | 70     | 1      | UG/L  | U         | 1         | 1     | V1     |
| 3586     | 4/28/99     | GW06390TE | trans-1,3-DICHLOROPROPENE      | 0.127  | 1      | UG/L  | U         | 1         | 1     | V1     |
| 3586     | 4/28/99     | GW06390TE | TRICHLOROETHENE                | 5      | 1      | UG/L  | U         | 1         | 1     | V1     |
| 3586     | 4/28/99     | GW06390TE | TRICHLOROFLUOROMETHANE         |        | 1      | UG/L  | U         | 1         | 1     | V1     |
| 3586     | 4/28/99     | GW06390TE | VINYL CHLORIDE                 | 2      | 1      | UG/L  | U         | 1         | 1     | V1     |
| 11891    | 5/20/99     | GW06347TE | 1,1,1,2-TETRACHLOROETHANE      |        | 1      | UG/L  | U         | 1         | 1     | V1     |
| 11891    | 5/20/99     | GW06347TE | 1,1,1-TRICHLOROETHANE          | 200    | 1      | UG/L  | U         | 1         | 1     | V1     |
| 11891    | 5/20/99     | GW06347TE | 1,1,2,2-TETRACHLOROETHANE      | 0.0895 | 1      | UG/L  | U         | 1         | 1     | V1     |
| 11891    | 5/20/99     | GW06347TE | 1,1,2-TRICHLOROETHANE          | 5      | 1      | UG/L  | U         | 1         | 1     | V1     |
| 11891    | 5/20/99     | GW06347TE | 1,1-DICHLOROETHANE             | 1010   | 1      | UG/L  | U         | 1         | 1     | V1     |
| 11891    | 5/20/99     | GW06347TE | 1,1-DICHLOROETHENE             | 7      | 1      | UG/L  | U         | 1         | 1     | V1     |
| 11891    | 5/20/99     | GW06347TE | 1,1-DICHLOROPROPENE            |        | 1      | UG/L  | U         | 1         | 1     | V1     |
| 11891    | 5/20/99     | GW06347TE | 1,2,3-TRICHLOROBENZENE         |        | 1      | UG/L  | U         | 1         | 1     | UJ1    |
| 11891    | 5/20/99     | GW06347TE | 1,2,3-TRICHLOROPROPANE         |        | 1      | UG/L  | U         | 1         | 1     | V1     |
| 11891    | 5/20/99     | GW06347TE | 1,2,4-TRICHLOROBENZENE         | 70     | 1      | UG/L  | U         | 1         | 1     | UJ1    |
| 11891    | 5/20/99     | GW06347TE | 1,2-DIBROMOETHANE              |        | 1      | UG/L  | U         | 1         | 1     | V1     |
| 11891    | 5/20/99     | GW06347TE | 1,2-DICHLOROBENZENE            | 600    | 1      | UG/L  | U         | 1         | 1     | UJ1    |
| 11891    | 5/20/99     | GW06347TE | 1,2-DICHLOROETHANE             | 5      | 1      | UG/L  | U         | 1         | 1     | V1     |
| 11891    | 5/20/99     | GW06347TE | 1,2-DICHLOROPROPANE            | 5      | 1      | UG/L  | U         | 1         | 1     | V1     |
| 11891    | 5/20/99     | GW06347TE | 1,3-DICHLOROBENZENE            | 600    | 1      | UG/L  | U         | 1         | 1     | UJ1    |
| 11891    | 5/20/99     | GW06347TE | 1,3-DICHLOROPROPANE            |        | 1      | UG/L  | U         | 1         | 1     | V1     |
| 11891    | 5/20/99     | GW06347TE | 1,4-DICHLOROBENZENE            | 75     | 1      | UG/L  | U         | 1         | 1     | UJ1    |
| 11891    | 5/20/99     | GW06347TE | 2,2-DICHLOROPROPANE            |        | 1      | UG/L  | U         | 1         | 1     | V1     |
| 11891    | 5/20/99     | GW06347TE | 4-ISOPROPYL TOLUENE            |        | 1      | UG/L  | U         | 1         | 1     | UJ1    |
| 11891    | 5/20/99     | GW06347TE | BENZENE                        | 5      | 1      | UG/L  | U         | 1         | 1     | UJ1    |
| 11891    | 5/20/99     | GW06347TE | BENZENE, 1,2,4-TRIMETHYL-      |        | 1      | UG/L  | U         | 1         | 1     | UJ1    |
| 11891    | 5/20/99     | GW06347TE | BENZENE, 1,3,5-TRIMETHYL-      |        | 1      | UG/L  | U         | 1         | 1     | UJ1    |
| 11891    | 5/20/99     | GW06347TE | BROMOBENZENE                   |        | 1      | UG/L  | U         | 1         | 1     | UJ1    |
| 11891    | 5/20/99     | GW06347TE | BROMOCHLOROMETHANE             |        | 1      | UG/L  | U         | 1         | 1     | V1     |
| 11891    | 5/20/99     | GW06347TE | BROMODICHLOROMETHANE           | 100    | 1      | UG/L  | U         | 1         | 1     | V1     |

**Table 7-4**  
**Equipment Rinsate Results**  
**Groundwater - Second Quarter, 1999**

RF/RMRS-99-453.UN

| Location | Sample Date | Sample #  | Analyte                        | Tier 2 | Result | Units | Lab Qual. | Det. Lim. | Dilu. | Valid. |
|----------|-------------|-----------|--------------------------------|--------|--------|-------|-----------|-----------|-------|--------|
| 11891    | 5/20/99     | GW06347TE | BROMOFORM                      | 100    | 1      | UG/L  | U         | 1         | 1     | V1     |
| 11891    | 5/20/99     | GW06347TE | BROMOMETHANE                   | 10.9   | 1      | UG/L  | U         | 1         | 1     | V1     |
| 11891    | 5/20/99     | GW06347TE | CARBON TETRACHLORIDE           | 5      | 1      | UG/L  | U         | 1         | 1     | V1     |
| 11891    | 5/20/99     | GW06347TE | CHLOROBENZENE                  | 100    | 1      | UG/L  | U         | 1         | 1     | UJ1    |
| 11891    | 5/20/99     | GW06347TE | CHLOROETHANE                   | 27800  | 1      | UG/L  | U         | 1         | 1     | V1     |
| 11891    | 5/20/99     | GW06347TE | CHLOROFORM                     | 100    | 1      | UG/L  | U         | 1         | 1     | V1     |
| 11891    | 5/20/99     | GW06347TE | CHLOROMETHANE                  | 2.32   | 1      | UG/L  | J         | 1         | 1     | V1     |
| 11891    | 5/20/99     | GW06347TE | cis-1,2-DICHLOROETHENE         | 70     | 1      | UG/L  | U         | 1         | 1     | V1     |
| 11891    | 5/20/99     | GW06347TE | cis-1,3-DICHLOROPROPENE        | 0.127  | 1      | UG/L  | U         | 1         | 1     | V1     |
| 11891    | 5/20/99     | GW06347TE | DIBROMOCHLOROMETHANE           | 1.01   | 1      | UG/L  | U         | 1         | 1     | V1     |
| 11891    | 5/20/99     | GW06347TE | DIBROMOMETHANE                 |        | 1      | UG/L  | U         | 1         | 1     | V1     |
| 11891    | 5/20/99     | GW06347TE | DICHLORODIFLUOROMETHANE        |        | 1      | UG/L  | U         | 1         | 1     | V1     |
| 11891    | 5/20/99     | GW06347TE | ETHYLBENZENE                   | 700    | 1      | UG/L  | U         | 1         | 1     | UJ1    |
| 11891    | 5/20/99     | GW06347TE | HEXACHLOROBUTADIENE            | 1.09   | 1      | UG/L  | U         | 1         | 1     | V1     |
| 11891    | 5/20/99     | GW06347TE | ISOPROPYLBENZENE               |        | 1      | UG/L  | U         | 1         | 1     | UJ1    |
| 11891    | 5/20/99     | GW06347TE | METHYLENE CHLORIDE             | 5      | 1      | UG/L  | B         | 1         | 1     | UJ1    |
| 11891    | 5/20/99     | GW06347TE | NAPHTHALENE                    | 1460   | 1      | UG/L  | U         | 1         | 1     | UJ1    |
| 11891    | 5/20/99     | GW06347TE | n-BUTYLBENZENE                 |        | 1      | UG/L  | U         | 1         | 1     | UJ1    |
| 11891    | 5/20/99     | GW06347TE | n-PROPYLBENZENE                |        | 1      | UG/L  | U         | 1         | 1     | UJ1    |
| 11891    | 5/20/99     | GW06347TE | o-CHLOROTOLUENE                |        | 1      | UG/L  | U         | 1         | 1     | UJ1    |
| 11891    | 5/20/99     | GW06347TE | p-CHLOROTOLUENE                |        | 1      | UG/L  | U         | 1         | 1     | UJ1    |
| 11891    | 5/20/99     | GW06347TE | PROPANE, 1,2-DIBROMO-3-CHLORO- | 0.2    | 1      | UG/L  | U         | 1         | 1     | V1     |
| 11891    | 5/20/99     | GW06347TE | sec-BUTYLBENZENE               |        | 1      | UG/L  | U         | 1         | 1     | UJ1    |
| 11891    | 5/20/99     | GW06347TE | STYRENE                        | 100    | 1      | UG/L  | U         | 1         | 1     | UJ1    |
| 11891    | 5/20/99     | GW06347TE | tert-BUTYLBENZENE              |        | 1      | UG/L  | U         | 1         | 1     | UJ1    |
| 11891    | 5/20/99     | GW06347TE | TETRACHLOROETHENE              | 5      | 1      | UG/L  | U         | 1         | 1     | V1     |
| 11891    | 5/20/99     | GW06347TE | TOLUENE                        | 1000   | 1      | UG/L  | U         | 1         | 1     | UJ1    |
| 11891    | 5/20/99     | GW06347TE | TOTAL XYLEMES                  | 10000  | 1      | UG/L  | U         | 1         | 1     | UJ1    |
| 11891    | 5/20/99     | GW06347TE | trans-1,2-DICHLOROETHENE       | 70     | 1      | UG/L  | U         | 1         | 1     | V1     |
| 11891    | 5/20/99     | GW06347TE | trans-1,3-DICHLOROPROPENE      | 0.127  | 1      | UG/L  | U         | 1         | 1     | V1     |
| 11891    | 5/20/99     | GW06347TE | TRICHLOROETHENE                | 5      | 1      | UG/L  | U         | 1         | 1     | V1     |
| 11891    | 5/20/99     | GW06347TE | TRICHLOROFUOROMETHANE          |        | 1      | UG/L  | U         | 1         | 1     | V1     |
| 11891    | 5/20/99     | GW06347TE | VINYL CHLORIDE                 | 2      | 1      | UG/L  | U         | 1         | 1     | V1     |
| 70193    | 5/6/99      | GW06399TE | 1,1,1,2-TETRACHLOROETHANE      |        | 1      | UG/L  | U         | 1         | 1     | V1     |
| 70193    | 5/6/99      | GW06399TE | 1,1,1-TRICHLOROETHANE          | 200    | 1      | UG/L  | U         | 1         | 1     | V1     |
| 70193    | 5/6/99      | GW06399TE | 1,1,2,2-TETRACHLOROETHANE      | 0.0895 | 1      | UG/L  | U         | 1         | 1     | V1     |
| 70193    | 5/6/99      | GW06399TE | 1,1,2-TRICHLOROETHANE          | 5      | 1      | UG/L  | U         | 1         | 1     | V1     |
| 70193    | 5/6/99      | GW06399TE | 1,1-DICHLOROETHANE             | 1010   | 1      | UG/L  | U         | 1         | 1     | V1     |
| 70193    | 5/6/99      | GW06399TE | 1,1-DICHLOROETHENE             | 7      | 1      | UG/L  | U         | 1         | 1     | V1     |
| 70193    | 5/6/99      | GW06399TE | 1,1-DICHLOROPROPENE            |        | 1      | UG/L  | U         | 1         | 1     | V1     |
| 70193    | 5/6/99      | GW06399TE | 1,2,3-TRICHLOROBENZENE         |        | 1      | UG/L  | U         | 1         | 1     | UJ1    |
| 70193    | 5/6/99      | GW06399TE | 1,2,3-TRICHLOROPROPANE         |        | 1      | UG/L  | U         | 1         | 1     | V1     |
| 70193    | 5/6/99      | GW06399TE | 1,2,4-TRICHLOROBENZENE         | 70     | 1      | UG/L  | U         | 1         | 1     | UJ1    |
| 70193    | 5/6/99      | GW06399TE | 1,2-DIBROMOETHANE              |        | 1      | UG/L  | U         | 1         | 1     | V1     |
| 70193    | 5/6/99      | GW06399TE | 1,2-DICHLOROBENZENE            | 600    | 1      | UG/L  | U         | 1         | 1     | UJ1    |
| 70193    | 5/6/99      | GW06399TE | 1,2-DICHLOROPROPANE            | 5      | 1      | UG/L  | U         | 1         | 1     | V1     |
| 70193    | 5/6/99      | GW06399TE | 1,3-DICHLOROBENZENE            | 600    | 1      | UG/L  | U         | 1         | 1     | UJ1    |
| 70193    | 5/6/99      | GW06399TE | 1,3-DICHLOROPROPANE            |        | 1      | UG/L  | U         | 1         | 1     | V1     |
| 70193    | 5/6/99      | GW06399TE | 1,4-DICHLOROBENZENE            | 75     | 1      | UG/L  | U         | 1         | 1     | UJ1    |

**Table 7-4**  
**Equipment Rinsate Results**  
**Groundwater - Second Quarter, 1999**

RF/RMRS-99-453.UN

| Location      | Sample Date | Sample #  | Analyte                        | Tier 2 | Result | Units | Lab Qual. | Det. Lim. | Dilu. | Valid. |
|---------------|-------------|-----------|--------------------------------|--------|--------|-------|-----------|-----------|-------|--------|
| 70193         | 5/6/99      | GW06399TE | 2,2-DICHLOROPROPANE            |        | 1      | UG/L  | U         | 1         | 1     | V1     |
| 70193         | 5/6/99      | GW06399TE | 4-ISOPROPYLtoluene             |        | 1      | UG/L  | U         | 1         | 1     | UJ1    |
| 70193         | 5/6/99      | GW06399TE | BENZENE                        | 5      | 1      | UG/L  | U         | 1         | 1     | UJ1    |
| 70193         | 5/6/99      | GW06399TE | BENZENE, 1,2,4-TRIMETHYL       |        | 2      | UG/L  |           | 1         | 1     | J1     |
| 70193         | 5/6/99      | GW06399TE | BENZENE, 1,3,5-TRIMETHYL-      |        | 0.4    | UG/L  | J         | 1         | 1     | J1     |
| 70193         | 5/6/99      | GW06399TE | BROMOBENZENE                   |        | 1      | UG/L  | U         | 1         | 1     | UJ1    |
| 70193         | 5/6/99      | GW06399TE | BROMOCHLOROMETHANE             |        | 1      | UG/L  | U         | 1         | 1     | V1     |
| 70193         | 5/6/99      | GW06399TE | BROMODICHLOROMETHANE           | 100    | 1      | UG/L  | U         | 1         | 1     | V1     |
| 70193         | 5/6/99      | GW06399TE | BROMOFORM                      | 100    | 1      | UG/L  | U         | 1         | 1     | V1     |
| 70193         | 5/6/99      | GW06399TE | BROMOMETHANE                   | 10.9   | 1      | UG/L  | U         | 1         | 1     | V1     |
| 70193         | 5/6/99      | GW06399TE | CARBON TETRACHLORIDE           | 5      | 1      | UG/L  | U         | 1         | 1     | V1     |
| 70193         | 5/6/99      | GW06399TE | CHLOROBENZENE                  | 100    | 1      | UG/L  | U         | 1         | 1     | UJ1    |
| 70193         | 5/6/99      | GW06399TE | CHLOROETHANE                   | 27800  | 1      | UG/L  | U         | 1         | 1     | V1     |
| 70193         | 5/6/99      | GW06399TE | CHLOROFORM                     | 100    | 1      | UG/L  | U         | 1         | 1     | V1     |
| 70193         | 5/6/99      | GW06399TE | CHLOROMETHANE                  | 2.32   | 5      | UG/L  |           | 1         | 1     | V1     |
| 70193         | 5/6/99      | GW06399TE | cis-1,2-DICHLOROETHENE         | 70     | 1      | UG/L  | U         | 1         | 1     | V1     |
| 70193         | 5/6/99      | GW06399TE | cis-1,3-DICHLOROPROPENE        | 0.127  | 1      | UG/L  | U         | 1         | 1     | V1     |
| 70193         | 5/6/99      | GW06399TE | DIBROMOCHLOROMETHANE           | 1.01   | 1      | UG/L  | U         | 1         | 1     | V1     |
| 70193         | 5/6/99      | GW06399TE | DIBROMOMETHANE                 |        | 1      | UG/L  | U         | 1         | 1     | V1     |
| 70193         | 5/6/99      | GW06399TE | DICHLORODIFLUOROMETHANE        |        | 1      | UG/L  | U         | 1         | 1     | V1     |
| 70193         | 5/6/99      | GW06399TE | ETHYLBENZENE                   | 700    | 1      | UG/L  | U         | 1         | 1     | UJ1    |
| 70193         | 5/6/99      | GW06399TE | HEXACHLOROBUTADIENE            | 1.09   | 1      | UG/L  | U         | 1         | 1     | V1     |
| 70193         | 5/6/99      | GW06399TE | ISOPROPYLBENZENE               |        | 1      | UG/L  | U         | 1         | 1     | UJ1    |
| 70193         | 5/6/99      | GW06399TE | METHYLENE CHLORIDE             | 5      | 1      | UG/L  | U         | 1         | 1     | V1     |
| 70193         | 5/6/99      | GW06399TE | NAPHTHALENE                    | 1460   | 1      | UG/L  | U         | 1         | 1     | V1     |
| 70193         | 5/6/99      | GW06399TE | n-BUTYLBENZENE                 |        | 1      | UG/L  | U         | 1         | 1     | UJ1    |
| 70193         | 5/6/99      | GW06399TE | n-PROPYLBENZENE                |        | 1      | UG/L  | U         | 1         | 1     | UJ1    |
| 70193         | 5/6/99      | GW06399TE | o-CHLOROTOLUENE                |        | 1      | UG/L  | U         | 1         | 1     | UJ1    |
| 70193         | 5/6/99      | GW06399TE | p-CHLOROTOLUENE                |        | 1      | UG/L  | U         | 1         | 1     | UJ1    |
| 70193         | 5/6/99      | GW06399TE | PROPANE, 1,2-DIBROMO-3-CHLORO- | 0.2    | 1      | UG/L  | U         | 1         | 1     | V1     |
| 70193         | 5/6/99      | GW06399TE | sec-BUTYLBENZENE               |        | 1      | UG/L  | U         | 1         | 1     | UJ1    |
| 70193         | 5/6/99      | GW06399TE | STYRENE                        | 100    | 1      | UG/L  | U         | 1         | 1     | UJ1    |
| 70193         | 5/6/99      | GW06399TE | tert-BUTYLBENZENE              |        | 1      | UG/L  | U         | 1         | 1     | UJ1    |
| 70193         | 5/6/99      | GW06399TE | TETRACHLOROETHENE              | 5      | 1      | UG/L  | U         | 1         | 1     | V1     |
| 70193         | 5/6/99      | GW06399TE | TOLUENE                        | 1000   | 0.4    | UG/L  | J         | 1         | 1     | J1     |
| 70193         | 5/6/99      | GW06399TE | TOTAL XYLEMES                  | 10000  | 1      | UG/L  | U         | 1         | 1     | UJ1    |
| 70193         | 5/6/99      | GW06399TE | trans-1,2-DICHLOROETHENE       | 70     | 1      | UG/L  | U         | 1         | 1     | V1     |
| 70193         | 5/6/99      | GW06399TE | trans-1,3-DICHLOROPROPENE      | 0.127  | 1      | UG/L  | U         | 1         | 1     | V1     |
| 70193         | 5/6/99      | GW06399TE | TRICHLOROETHENE                | 5      | 1      | UG/L  | U         | 1         | 1     | V1     |
| 70193         | 5/6/99      | GW06399TE | TRICHLOROFUOROMETHANE          |        | 1      | UG/L  | U         | 1         | 1     | V1     |
| 70193         | 5/6/99      | GW06399TE | VINYL CHLORIDE                 | 2      | 1      | UG/L  | U         | 1         | 1     | V1     |
| <b>Metals</b> |             |           |                                |        |        |       |           |           |       |        |
| 3586          | 4/28/99     | GW06390TE | ALUMINUM                       | 106000 | 14.1   | UG/L  |           | 6.9       | 1     | UJ1    |
| 3586          | 4/28/99     | GW06390TE | ANTIMONY                       | 6      | 0.48   | UG/L  | U         | 0.48      | 1     | V1     |
| 3586          | 4/28/99     | GW06390TE | ARSENIC                        | 50     | 0.58   | UG/L  | U         | 0.58      | 1     | V1     |
| 3586          | 4/28/99     | GW06390TE | BARIUM                         | 2000   | 0.58   | UG/L  | B         | 0.05      | 1     | UJ1    |
| 3586          | 4/28/99     | GW06390TE | BERYLLIUM                      | 4      | 0.04   | UG/L  | B         | 0.02      | 1     | UJ1    |
| 3586          | 4/28/99     | GW06390TE | CADMUM                         | 5      | 0.08   | UG/L  | U         | 0.08      | 1     | V1     |
| 3586          | 4/28/99     | GW06390TE | CALCIUM                        |        | 69     | UG/L  | B         | 4.1       | 1     | V1     |

**Table 7-4**  
**Equipment Rinsate Results**  
**Groundwater - Second Quarter, 1999**

RF/RMRS-99-453.UN

| Location | Sample Date | Sample #  | Analyte    | Tier 2 | Result | Units | Lab Qual. | Det. Lim. | Dilu. | Valid. |    |
|----------|-------------|-----------|------------|--------|--------|-------|-----------|-----------|-------|--------|----|
| 3586     | 4/28/99     | GW06390TE | CHROMIUM   | 100    | 0.53   | UG/L  | B         | 0.15      | 1     | UJ1    |    |
| 3586     | 4/28/99     | GW06390TE | COBALT     | 2190   | 0.18   | UG/L  | U         | 0.18      | 1     | V1     |    |
| 3586     | 4/28/99     | GW06390TE | COPPER     | 1300   | 1.1    | UG/L  | B         | 0.25      | 1     | UJ1    |    |
| 3586     | 4/28/99     | GW06390TE | IRON       |        | 56     | UG/L  | B         | 4.8       | 1     | UJ1    |    |
| 3586     | 4/28/99     | GW06390TE | LEAD       |        | 0.72   | UG/L  | U         | 0.72      | 1     | V1     |    |
| 3586     | 4/28/99     | GW06390TE | LITHIUM    | 730    | 0.08   | UG/L  | B         | 0.05      | 1     | UJ1    |    |
| 3586     | 4/28/99     | GW06390TE | MAGNESIUM  |        | 31.5   | UG/L  | B         | 0.7       | 1     | V1     |    |
| 3586     | 4/28/99     | GW06390TE | MANGANESE  | 183    | 1.4    | UG/L  | B         | 0.05      | 1     | V1     |    |
| 3586     | 4/28/99     | GW06390TE | MERCURY    | 2      | 0.1    | UG/L  | U         | 0.1       | 1     | V1     |    |
| 3586     | 4/28/99     | GW06390TE | MOLYBDENUM | 183    | 0.3    | UG/L  | U         | 0.3       | 1     | V1     |    |
| 3586     | 4/28/99     | GW06390TE | NICKEL     | 100    | 0.3    | UG/L  | U         | 0.3       | 1     | V1     |    |
| 3586     | 4/28/99     | GW06390TE | POTASSIUM  |        | 25     | UG/L  | B         | 7         | 1     | UJ1    |    |
| 3586     | 4/28/99     | GW06390TE | SELENIUM   | 50     | 1.2    | UG/L  | U         | 1.2       | 1     | V1     |    |
| 3586     | 4/28/99     | GW06390TE | SILVER     | 183    | 0.35   | UG/L  | U         | 0.35      | 1     | V1     |    |
| 3586     | 4/28/99     | GW06390TE | SODIUM     |        | 67.4   | UG/L  | B         | 4.4       | 1     | UJ1    |    |
| 3586     | 4/28/99     | GW06390TE | STRONTIUM  | 21900  | 0.36   | UG/L  | B         | 0.02      | 1     | V1     |    |
| 3586     | 4/28/99     | GW06390TE | THALLIUM   | 2      | 0.88   | UG/L  | U         | 0.88      | 1     | V1     |    |
| 3586     | 4/28/99     | GW06390TE | TIN        | 21900  | 0.68   | UG/L  | U         | 0.68      | 1     | V1     |    |
| 3586     | 4/28/99     | GW06390TE | VANADIUM   | 256    | 0.2    | UG/L  | U         | 0.2       | 1     | V1     |    |
| 3586     | 4/28/99     | GW06390TE | ZINC       | 11000  | 8.2    | UG/L  | B         | 0.12      | 1     | V1     |    |
| 11891    | 5/20/99     | GW06347TE | ALUMINUM   | 106000 | 8.8    | UG/L  | B         | 6.9       | 1     | UJ1    |    |
| 11891    | 5/20/99     | GW06347TE | ANTIMONY   |        | 6      | 0.48  | UG/L      | U         | 0.48  | 1      | V1 |
| 11891    | 5/20/99     | GW06347TE | ARSENIC    | 50     | 0.58   | UG/L  | U         | 0.58      | 1     | V1     |    |
| 11891    | 5/20/99     | GW06347TE | BARIUM     | 2000   | 0.24   | UG/L  | B         | 0.05      | 1     | V1     |    |
| 11891    | 5/20/99     | GW06347TE | BERYLLIUM  | 4      | 0.07   | UG/L  | B         | 0.02      | 1     | UJ1    |    |
| 11891    | 5/20/99     | GW06347TE | CADMUM     | 5      | 0.08   | UG/L  | U         | 0.08      | 1     | V1     |    |
| 11891    | 5/20/99     | GW06347TE | CALCIUM    |        | 64.2   | UG/L  | B         | 4.1       | 1     | V1     |    |
| 11891    | 5/20/99     | GW06347TE | CHROMIUM   | 100    | 0.15   | UG/L  | U         | 0.15      | 1     | V1     |    |
| 11891    | 5/20/99     | GW06347TE | COBALT     | 2190   | 0.25   | UG/L  | B         | 0.18      | 1     | V1     |    |
| 11891    | 5/20/99     | GW06347TE | COPPER     | 1300   | 0.48   | UG/L  | B         | 0.25      | 1     | J1     |    |
| 11891    | 5/20/99     | GW06347TE | IRON       |        | 8.3    | UG/L  | B         | 4.8       | 1     | UJ1    |    |
| 11891    | 5/20/99     | GW06347TE | LEAD       |        | 0.72   | UG/L  | U         | 0.72      | 1     | V1     |    |
| 11891    | 5/20/99     | GW06347TE | LITHIUM    | 730    | 0.24   | UG/L  | B         | 0.05      | 1     | UJ1    |    |
| 11891    | 5/20/99     | GW06347TE | MAGNESIUM  |        | 7      | UG/L  | B         | 0.7       | 1     | UJ1    |    |
| 11891    | 5/20/99     | GW06347TE | MANGANESE  | 183    | 1      | UG/L  | B         | 0.05      | 1     | V1     |    |
| 11891    | 5/20/99     | GW06347TE | MERCURY    | 2      | 0.29   | UG/L  |           | 0.1       | 1     | J1     |    |
| 11891    | 5/20/99     | GW06347TE | MOLYBDENUM | 183    | 0.3    | UG/L  | U         | 0.3       | 1     | V1     |    |
| 11891    | 5/20/99     | GW06347TE | NICKEL     | 100    | 0.3    | UG/L  | U         | 0.3       | 1     | V1     |    |
| 11891    | 5/20/99     | GW06347TE | POTASSIUM  |        | 14.4   | UG/L  | B         | 7         | 1     | J1     |    |
| 11891    | 5/20/99     | GW06347TE | SELENIUM   | 50     | 1.2    | UG/L  | U         | 1.2       | 1     | V1     |    |
| 11891    | 5/20/99     | GW06347TE | SILVER     | 183    | 0.35   | UG/L  | U         | 0.35      | 1     | V1     |    |
| 11891    | 5/20/99     | GW06347TE | SODIUM     |        | 105    | UG/L  | B         | 1         | 1     | UJ1    |    |
| 11891    | 5/20/99     | GW06347TE | STRONTIUM  | 21900  | 0.28   | UG/L  | B         | 0.02      | 1     | UJ1    |    |
| 11891    | 5/20/99     | GW06347TE | THALLIUM   | 2      | 0.88   | UG/L  | U         | 0.88      | 1     | V1     |    |
| 11891    | 5/20/99     | GW06347TE | TIN        | 21900  | 1.1    | UG/L  | B         | 0.68      | 1     | V1     |    |
| 11891    | 5/20/99     | GW06347TE | VANADIUM   | 256    | 0.2    | UG/L  | U         | 0.2       | 1     | V1     |    |
| 11891    | 5/20/99     | GW06347TE | ZINC       | 11000  | 4.5    | UG/L  | B         | 0.12      | 1     | V1     |    |
| 70193    | 5/6/99      | GW06399TE | ALUMINUM   | 106000 | 28.3   | UG/L  |           | 5         | 1     | J      |    |
| 70193    | 5/6/99      | GW06399TE | ANTIMONY   | 6      | 0.86   | UG/L  | B         | 0.48      | 1     | UJ     |    |

**Table 7-4**  
**Equipment Rinsate Results**  
**Groundwater - Second Quarter, 1999**

RF/RMRS-99-453.UN

| Location | Sample Date | Sample #  | Analyte    | Tier 2 | Result | Units | Lab Qual. | Det. Lim. | Dilu. | Valid. |
|----------|-------------|-----------|------------|--------|--------|-------|-----------|-----------|-------|--------|
| 70193    | 5/6/99      | GW06399TE | ARSENIC    | 50     | 0.58   | UG/L  | U         | 0.58      | 1     | V      |
| 70193    | 5/6/99      | GW06399TE | BARIUM     | 2000   | 2.2    | UG/L  | B         | 0.05      | 1     | V      |
| 70193    | 5/6/99      | GW06399TE | BERYLLIUM  | 4      | 0.02   | UG/L  | U         | 0.02      | 1     | J      |
| 70193    | 5/6/99      | GW06399TE | CADMIUM    | 5      | 0.08   | UG/L  | U         | 0.08      | 1     | V      |
| 70193    | 5/6/99      | GW06399TE | CALCIUM    |        | 405    | UG/L  | B         | 4.1       | 1     | V      |
| 70193    | 5/6/99      | GW06399TE | CHROMIUM   | 100    | 0.38   | UG/L  | B         | 0.15      | 1     | UJ     |
| 70193    | 5/6/99      | GW06399TE | COBALT     | 2190   | 0.18   | UG/L  | U         | 0.18      | 1     | V      |
| 70193    | 5/6/99      | GW06399TE | COPPER     | 1300   | 0.9    | UG/L  | B         | 0.25      | 1     | UJ     |
| 70193    | 5/6/99      | GW06399TE | IRON       |        | 30.4   | UG/L  | B         | 4.8       | 1     | V      |
| 70193    | 5/6/99      | GW06399TE | LEAD       |        | 0.72   | UG/L  | U         | 0.72      | 1     | J      |
| 70193    | 5/6/99      | GW06399TE | LITHIUM    | 730    | 0.42   | UG/L  | B         | 0.05      | 1     | UJ     |
| 70193    | 5/6/99      | GW06399TE | MAGNESIUM  |        | 81.5   | UG/L  | B         | 0.7       | 1     | V      |
| 70193    | 5/6/99      | GW06399TE | MANGANESE  | 183    | 0.71   | UG/L  | B         | 0.05      | 1     | UJ     |
| 70193    | 5/6/99      | GW06399TE | MERCURY    | 2      | 0.1    | UG/L  | U         | 0.1       | 1     | V      |
| 70193    | 5/6/99      | GW06399TE | MOLYBDENUM | 183    | 0.3    | UG/L  | U         | 0.3       | 1     | V      |
| 70193    | 5/6/99      | GW06399TE | NICKEL     | 100    | 1.8    | UG/L  | B         | 0.3       | 1     | UJ     |
| 70193    | 5/6/99      | GW06399TE | POTASSIUM  |        | 38.2   | UG/L  | B         | 7         | 1     | UJ     |
| 70193    | 5/6/99      | GW06399TE | SELENIUM   | 50     | 1.2    | UG/L  | U         | 1.2       | 1     | J      |
| 70193    | 5/6/99      | GW06399TE | SILVER     | 183    | 0.35   | UG/L  | U         | 0.35      | 1     | V      |
| 70193    | 5/6/99      | GW06399TE | SODIUM     |        | 232    | UG/L  | B         | 1         | 1     | V      |
| 70193    | 5/6/99      | GW06399TE | STRONTIUM  | 21900  | 2.6    | UG/L  | B         | 0.02      | 1     | V      |
| 70193    | 5/6/99      | GW06399TE | THALLIUM   | 2      | 0.88   | UG/L  | U         | 0.88      | 1     | V      |
| 70193    | 5/6/99      | GW06399TE | TIN        | 21900  | 0.68   | UG/L  | U         | 0.68      | 1     | V      |
| 70193    | 5/6/99      | GW06399TE | VANADIUM   | 256    | 0.2    | UG/L  | U         | 0.2       | 1     | V      |
| 70193    | 5/6/99      | GW06399TE | ZINC       | 11000  | 4.2    | UG/L  | B         | 0.12      | 1     | V      |

**Water Quality Parameters**

|       |         |           |                        |     |      |      |   |      |  |    |
|-------|---------|-----------|------------------------|-----|------|------|---|------|--|----|
| 3586  | 4/28/99 | GW06390TE | NITRATE/NITRITE        | 10  | 0.05 | MG/L | U | 0.05 |  | V1 |
| 3586  | 4/28/99 | GW06390TE | TOTAL DISSOLVED SOLIDS |     | 10   | MG/L | U | 10   |  | V1 |
| 11891 | 5/20/99 | GW06347TE | NITRATE/NITRITE        | 10  | 0.05 | MG/L | U | 0.05 |  | V  |
| 11891 | 5/20/99 | GW06347TE | TOTAL DISSOLVED SOLIDS |     | 10   | MG/L | U | 10   |  | V  |
| 70193 | 5/6/99  | GW06399TE | FLUORIDE               | 4   | 0.05 | MG/L | U | 0.05 |  | V1 |
| 70193 | 5/6/99  | GW06399TE | NITRATE/NITRITE        | 10  | 0.05 | MG/L | U | 0.05 |  | V1 |
| 70193 | 5/6/99  | GW06399TE | SULFATE                | 500 | 1    | MG/L | U | 1    |  | V1 |
| 70193 | 5/6/99  | GW06399TE | TOTAL DISSOLVED SOLIDS |     | 10   | MG/L | U | 10   |  | V1 |

**Table 7-5**  
**RFCA Groundwater Monitoring Sample Comparison:**  
**Required versus Actual Second Quarter, 1999**

RF/RMRS-99-453.UN

| Sample Types                      | Required Number of Visits | Actual Number of Visits* | Actual Number of Samples Collected | Deviation | Success Ratio; % Samples Collected (or Wells Visited) | Discrepancy Justification |
|-----------------------------------|---------------------------|--------------------------|------------------------------------|-----------|---|---------------------------|
| <b>Groundwater Wells (Visits)</b> | 56                        | 56                       | NA                                 | 0         | 100.0   | NA                        |
| VOC's                             | 55                        | 55                       | 47                                 | 8         | 85.5  | Dry                       |
| Metals                            | 53                        | 53                       | 44                                 | 9         | 83.0  | Dry or Insw               |
| <b>Radionuclides</b>              |                           |                          |                                    |           |   |                           |
| Pu/Am                             | 36                        | 36                       | 25                                 | 11        | 69.4  | Dry or Insw               |
| U-isotope                         | 55                        | 55                       | 45                                 | 10        | 81.8  | Dry or Insw               |
| Tritium                           | 22                        | 22                       | 18                                 | 4         | 81.8  | Dry or Insw               |
| Strontium                         | 14                        | 14                       | 8                                  | 6         | 57.1  | Dry or Insw               |
| <b>Water Quality Parameters</b>   |                           |                          |                                    |           |   |                           |
| Nitrate                           | 50                        | 50                       | 41                                 | 9         | 82.0  | Dry or Insw               |
| TDS                               | 49                        | 49                       | 37                                 | 12        | 75.5  | Dry or Insw               |
| Sulfate                           | 30                        | 30                       | 22                                 | 8         | 73.3  | Dry or Insw               |
| Fluoride                          | 22                        | 22                       | 16                                 | 6         | 72.7  | Dry or Insw               |

\*Does not reflect multiple visits to dry wells.

Dry = Well did not recharge after purging. No samples collected.

Insw = Insufficient water to complete sample suite

**Table 7-6**  
**Summary of Validation/Verification Completeness for Second Quarter, 1999**

RF/RMRS-99-453.UN

|   | All Analyses | VOC's | Metals    |       | Radionuclides |       |         |                     | Water Quality Parameters |     |                               |          |
|---|--------------|-------|-----------|-------|---------------|-------|---------|---------------------|--------------------------|-----|-------------------------------|----------|
|   |              |       | Dissolved | Total | U-iso         | Pu/Am | Tritium | Sr <sub>89/90</sub> | Nitrate                  | TDS | SO <sub>4</sub> <sup>-2</sup> | Fluoride |
| Usable Data Points - Dp <sub>u</sub>          | 4985         | 3223  | 351       | 1026  | 156           | 58    | 22      | 8                   | 50                       | 45  | 26                            | 20       |
| Non-usable Data Points - DP <sub>n</sub>      | 4            | 1     | 0         | 0     | 3             | 0     | 0       | 0                   | 0                        | 0   | 0                             | 0        |
| Total number of Data Points - DP <sub>t</sub> | 4989         | 3224  | 351       | 1026  | 159           | 58    | 22      | 8                   | 50                       | 45  | 26                            | 20       |
| Percent of Usable Data Points                 | 99.9         | 100   | 100       | 100   | 98.1          | 100   | 100     | 100                 | 100                      | 100 | 100                           | 100      |
| No Validation/Verification                    | 82           | 0     | 54        | 28    | 0             | 0     | 0       | 0                   | 0                        | 0   | 0                             | 0        |

Usable data points include the following Validation/Verification qualifiers: J/J1, JB/JB1, U/U1, UJ/UJ1, V/V1.

Non-usable data points include the following Validation/Verification qualifiers: R/R1.

With respect to TR1-DL1 analysis series, only the Result Type with a validation qualifier is counted here.

$$\text{Completeness} = \frac{Dp_u}{DP_t} \times 100 \text{ (in percent)}$$

The acceptable QC criterion is >90%.

**APPENDIX A:**  
**GROUNDWATER ANALYTICAL DATA**

## Appendix A: Groundwater Analytical Data - Metals

Second Quarter 1999

| Location | Sample Date | Sample #  | Analyte    | Result | Units | Lab Qual | Det Lim | Dilu | Valid | Result Type | IMP Well Class  | QC Type |
|----------|-------------|-----------|------------|--------|-------|----------|---------|------|-------|-------------|-----------------|---------|
| 00397    | 5/5/99      | GW06321TE | ALUMINUM   | 17.4   | UG/L  |          | 5       | 1    | J     | TR1         | Plume Extent    | REAL    |
| 00397    | 5/5/99      | GW06321TE | ANTIMONY   | 0.75   | UG/L  | B        | 0.48    | 1    | UJ    | TR1         | Plume Extent    | REAL    |
| 00397    | 5/5/99      | GW06321TE | ARSENIC    | 0.58   | UG/L  | U        | 0.58    | 1    | V     | TR1         | Plume Extent    | REAL    |
| 00397    | 5/5/99      | GW06321TE | BARIUM     | 172    | UG/L  |          | 0.05    | 1    | V     | TR1         | Plume Extent    | REAL    |
| 00397    | 5/5/99      | GW06321TE | BERYLLIUM  | 0.02   | UG/L  | U        | 0.02    | 1    | J     | TR1         | Plume Extent    | REAL    |
| 00397    | 5/5/99      | GW06321TE | CADMUM     | 0.9    | UG/L  | B        | 0.08    | 1    | UJ    | TR1         | Plume Extent    | REAL    |
| 00397    | 5/5/99      | GW06321TE | CALCIUM    | 188000 | UG/L  |          | 82      | 20   | V     | TR1         | Plume Extent    | REAL    |
| 00397    | 5/5/99      | GW06321TE | CHROMIUM   | 2.9    | UG/L  |          | 0.15    | 1    | UJ    | TR1         | Plume Extent    | REAL    |
| 00397    | 5/5/99      | GW06321TE | COBALT     | 0.18   | UG/L  | U        | 0.18    | 1    | V     | TR1         | Plume Extent    | REAL    |
| 00397    | 5/5/99      | GW06321TE | COPPER     | 1.4    | UG/L  | B        | 0.25    | 1    | UJ    | TR1         | Plume Extent    | REAL    |
| 00397    | 5/5/99      | GW06321TE | IRON       | 11.7   | UG/L  | B        | 4.8     | 1    | V     | TR1         | Plume Extent    | REAL    |
| 00397    | 5/5/99      | GW06321TE | LEAD       | 0.72   | UG/L  | U        | 0.72    | 1    | J     | TR1         | Plume Extent    | REAL    |
| 00397    | 5/5/99      | GW06321TE | LITHIUM    | 183    | UG/L  |          | 0.05    | 1    | V     | TR1         | Plume Extent    | REAL    |
| 00397    | 5/5/99      | GW06321TE | MAGNESIUM  | 39400  | UG/L  |          | 0.7     | 1    | V     | TR1         | Plume Extent    | REAL    |
| 00397    | 5/5/99      | GW06321TE | MANGANESE  | 1.4    | UG/L  | B        | 0.05    | 1    | V     | TR1         | Plume Extent    | REAL    |
| 00397    | 5/5/99      | GW06321TE | MERCURY    | 0.1    | UG/L  | U        | 0.1     | 1    | V     | TR1         | Plume Extent    | REAL    |
| 00397    | 5/5/99      | GW06321TE | MOLYBDENUM | 0.68   | UG/L  | B        | 0.3     | 1    | V     | TR1         | Plume Extent    | REAL    |
| 00397    | 5/5/99      | GW06321TE | NICKEL     | 0.86   | UG/L  | B        | 0.3     | 1    | UJ    | TR1         | Plume Extent    | REAL    |
| 00397    | 5/5/99      | GW06321TE | POTASSIUM  | 6870   | UG/L  |          | 7       | 1    | J     | TR1         | Plume Extent    | REAL    |
| 00397    | 5/5/99      | GW06321TE | SELENIUM   | 8.5    | UG/L  |          | 1.2     | 1    | J     | TR1         | Plume Extent    | REAL    |
| 00397    | 5/5/99      | GW06321TE | SILVER     | 0.35   | UG/L  | U        | 0.35    | 1    | V     | TR1         | Plume Extent    | REAL    |
| 00397    | 5/5/99      | GW06321TE | SODIUM     | 96600  | UG/L  | B        | 20.5    | 20   | V     | TR1         | Plume Extent    | REAL    |
| 00397    | 5/5/99      | GW06321TE | STRONTIUM  | 1250   | UG/L  |          | 0.02    | 1    | V     | TR1         | Plume Extent    | REAL    |
| 00397    | 5/5/99      | GW06321TE | THALLIUM   | 0.88   | UG/L  | U        | 0.88    | 1    | V     | TR1         | Plume Extent    | REAL    |
| 00397    | 5/5/99      | GW06321TE | TIN        | 0.68   | UG/L  | U        | 0.68    | 1    | V     | TR1         | Plume Extent    | REAL    |
| 00397    | 5/5/99      | GW06321TE | VANADIUM   | 0.2    | UG/L  | U        | 0.2     | 1    | V     | TR1         | Plume Extent    | REAL    |
| 00397    | 5/5/99      | GW06321TE | ZINC       | 16.7   | UG/L  | B        | 0.12    | 1    | V     | TR1         | Plume Extent    | REAL    |
| 00897    | 5/18/99     | GW06322TE | ALUMINUM   | 12.8   | UG/L  | B        | 6.9     | 1    | UJ1   | TR1         | Perf Monitoring | REAL    |
| 00897    | 5/18/99     | GW06322TE | ANTIMONY   | 0.48   | UG/L  | U        | 0.48    | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 00897    | 5/18/99     | GW06322TE | ARSENIC    | 0.58   | UG/L  | U        | 0.58    | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 00897    | 5/18/99     | GW06322TE | BARIUM     | 298    | UG/L  |          | 0.05    | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 00897    | 5/18/99     | GW06322TE | BERYLLIUM  | 0.09   | UG/L  | B        | 0.02    | 1    | UJ1   | TR1         | Perf Monitoring | REAL    |
| 00897    | 5/18/99     | GW06322TE | CADMUM     | 0.08   | UG/L  | U        | 0.08    | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 00897    | 5/18/99     | GW06322TE | CALCIUM    | 85100  | UG/L  |          | 4.1     | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 00897    | 5/18/99     | GW06322TE | CHROMIUM   | 1.2    | UG/L  | B        | 0.15    | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 00897    | 5/18/99     | GW06322TE | COBALT     | 0.18   | UG/L  | U        | 0.18    | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 00897    | 5/18/99     | GW06322TE | COPPER     | 0.28   | UG/L  | B        | 0.25    | 1    | J1    | TR1         | Perf Monitoring | REAL    |
| 00897    | 5/18/99     | GW06322TE | IRON       | 13.1   | UG/L  | B        | 4.8     | 1    | UJ1   | TR1         | Perf Monitoring | REAL    |
| 00897    | 5/18/99     | GW06322TE | LEAD       | 0.72   | UG/L  | U        | 0.72    | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 00897    | 5/18/99     | GW06322TE | LITHIUM    | 12.8   | UG/L  | B        | 0.05    | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 00897    | 5/18/99     | GW06322TE | MAGNESIUM  | 13300  | UG/L  |          | 0.7     | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 00897    | 5/18/99     | GW06322TE | MANGANESE  | 2.9    | UG/L  | B        | 0.05    | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 00897    | 5/18/99     | GW06322TE | MERCURY    | 0.1    | UG/L  | U        | 0.1     | 1    | J1    | TR1         | Perf Monitoring | REAL    |
| 00897    | 5/18/99     | GW06322TE | MOLYBDENUM | 2.7    | UG/L  | B        | 0.3     | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 00897    | 5/18/99     | GW06322TE | NICKEL     | 1.3    | UG/L  | B        | 0.3     | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 00897    | 5/18/99     | GW06322TE | POTASSIUM  | 1720   | UG/L  | B        | 7       | 1    | J1    | TR1         | Perf Monitoring | REAL    |
| 00897    | 5/18/99     | GW06322TE | SELENIUM   | 1.2    | UG/L  | U        | 1.2     | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 00897    | 5/18/99     | GW06322TE | SILVER     | 0.35   | UG/L  | U        | 0.35    | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 00897    | 5/18/99     | GW06322TE | SODIUM     | 11500  | UG/L  |          | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 00897    | 5/18/99     | GW06322TE | STRONTIUM  | 452    | UG/L  |          | 0.02    | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 00897    | 5/18/99     | GW06322TE | THALLIUM   | 0.88   | UG/L  | U        | 0.88    | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 00897    | 5/18/99     | GW06322TE | TIN        | 0.68   | UG/L  | U        | 0.68    | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 00897    | 5/18/99     | GW06322TE | VANADIUM   | 0.21   | UG/L  | B        | 0.2     | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 00897    | 5/18/99     | GW06322TE | ZINC       | 5.4    | UG/L  | B        | 0.12    | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 02197    | 5/25/99     | GW06323TE | ALUMINUM   | 15     | UG/L  | B        | 5       | 1    | J1    | TR1         | Plume Extent    | REAL    |
| 02197    | 5/25/99     | GW06323TE | ANTIMONY   | 0.48   | UG/L  | U        | 0.48    | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 02197    | 5/25/99     | GW06323TE | ARSENIC    | 0.65   | UG/L  | B        | 0.58    | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 02197    | 5/25/99     | GW06323TE | BARIUM     | 83.9   | UG/L  | B        | 0.05    | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 02197    | 5/25/99     | GW06323TE | BERYLLIUM  | 0.02   | UG/L  | U        | 0.02    | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 02197    | 5/25/99     | GW06323TE | CADMUM     | 0.3    | UG/L  | B        | 0.08    | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 02197    | 5/25/99     | GW06323TE | CALCIUM    | 79500  | UG/L  |          | 4.1     | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 02197    | 5/25/99     | GW06323TE | CHROMIUM   | 0.44   | UG/L  | B        | 0.15    | 1    | UJ1   | TR1         | Plume Extent    | REAL    |
| 02197    | 5/25/99     | GW06323TE | COBALT     | 0.31   | UG/L  | B        | 0.18    | 1    | UJ1   | TR1         | Plume Extent    | REAL    |
| 02197    | 5/25/99     | GW06323TE | COPPER     | 1.8    | UG/L  |          | 0.25    | 1    | V1    | TR1         | Plume Extent    | REAL    |

## Appendix A: Groundwater Analytical Data - Metals

Second Quarter 1999

| Location | Sample Date | Sample #  | Analyte    | Result | Units | Lab Qual | Det Lim | Dilu | Valid | Result Type | IMP Well Class  | QC Type |
|----------|-------------|-----------|------------|--------|-------|----------|---------|------|-------|-------------|-----------------|---------|
| 02197    | 5/25/99     | GW06323TE | IRON       | 18.8   | UG/L  | B        | 4.8     | 1    | UJ1   | TR1         | Plume Extent    | REAL    |
| 02197    | 5/25/99     | GW06323TE | LEAD       | 0.72   | UG/L  | U        | 0.72    | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 02197    | 5/25/99     | GW06323TE | LITHIUM    | 2.9    | UG/L  | B        | 0.05    | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 02197    | 5/25/99     | GW06323TE | MAGNESIUM  | 13100  | UG/L  |          | 0.7     | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 02197    | 5/25/99     | GW06323TE | MANGANESE  | 0.83   | UG/L  | B        | 0.05    | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 02197    | 5/25/99     | GW06323TE | MERCURY    | 0.1    | UG/L  | U        | 0.1     | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 02197    | 5/25/99     | GW06323TE | MOLYBDENUM | 1.6    | UG/L  | B        | 0.3     | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 02197    | 5/25/99     | GW06323TE | NICKEL     | 1.4    | UG/L  | B        | 0.3     | 1    | J1    | TR1         | Plume Extent    | REAL    |
| 02197    | 5/25/99     | GW06323TE | POTASSIUM  | 414    | UG/L  | B        | 7       | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 02197    | 5/25/99     | GW06323TE | SELENIUM   | 6.4    | UG/L  |          | 1.2     | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 02197    | 5/25/99     | GW06323TE | SILVER     | 0.35   | UG/L  | U        | 0.35    | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 02197    | 5/25/99     | GW06323TE | SODIUM     | 15500  | UG/L  |          | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 02197    | 5/25/99     | GW06323TE | STRONTIUM  | 525    | UG/L  |          | 0.02    | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 02197    | 5/25/99     | GW06323TE | THALLIUM   | 0.88   | UG/L  | U        | 0.88    | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 02197    | 5/25/99     | GW06323TE | TIN        | 0.68   | UG/L  | U        | 0.68    | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 02197    | 5/25/99     | GW06323TE | VANADIUM   | 2.4    | UG/L  | B        | 0.2     | 1    | UJ1   | TR1         | Plume Extent    | REAL    |
| 02197    | 5/25/99     | GW06323TE | ZINC       | 12.2   | UG/L  | B        | 0.12    | 1    | UJ1   | TR1         | Plume Extent    | REAL    |
| 02197    | 5/25/99     | GW06323TE | ALUMINUM   | 13.7   | UG/L  | B        | 5       | 1    | 1     | TR2         | Plume Extent    | REAL    |
| 02197    | 5/25/99     | GW06323TE | ANTIMONY   | 0.48   | UG/L  | U        | 0.48    | 1    | 1     | TR2         | Plume Extent    | REAL    |
| 02197    | 5/25/99     | GW06323TE | ARSENIC    | 0.58   | UG/L  | U        | 0.58    | 1    | 1     | TR2         | Plume Extent    | REAL    |
| 02197    | 5/25/99     | GW06323TE | BARIUM     | 83.6   | UG/L  | B        | 0.05    | 1    | 1     | TR2         | Plume Extent    | REAL    |
| 02197    | 5/25/99     | GW06323TE | BERYLLIUM  | 0.02   | UG/L  | U        | 0.02    | 1    | 1     | TR2         | Plume Extent    | REAL    |
| 02197    | 5/25/99     | GW06323TE | CADMUM     | 0.23   | UG/L  | B        | 0.08    | 1    | 1     | TR2         | Plume Extent    | REAL    |
| 02197    | 5/25/99     | GW06323TE | CALCIUM    | 78800  | UG/L  |          | 4.1     | 1    | 1     | TR2         | Plume Extent    | REAL    |
| 02197    | 5/25/99     | GW06323TE | CHROMIUM   | 0.53   | UG/L  | B        | 0.15    | 1    | 1     | TR2         | Plume Extent    | REAL    |
| 02197    | 5/25/99     | GW06323TE | COBALT     | 0.34   | UG/L  | B        | 0.18    | 1    | 1     | TR2         | Plume Extent    | REAL    |
| 02197    | 5/25/99     | GW06323TE | COPPER     | 2.2    | UG/L  | B        | 0.25    | 1    | 1     | TR2         | Plume Extent    | REAL    |
| 02197    | 5/25/99     | GW06323TE | IRON       | 25.5   | UG/L  | B        | 4.8     | 1    | 1     | TR2         | Plume Extent    | REAL    |
| 02197    | 5/25/99     | GW06323TE | LEAD       | 0.72   | UG/L  | U        | 0.72    | 1    | 1     | TR2         | Plume Extent    | REAL    |
| 02197    | 5/25/99     | GW06323TE | LITHIUM    | 2.9    | UG/L  | B        | 0.05    | 1    | 1     | TR2         | Plume Extent    | REAL    |
| 02197    | 5/25/99     | GW06323TE | MAGNESIUM  | 13000  | UG/L  |          | 0.7     | 1    | 1     | TR2         | Plume Extent    | REAL    |
| 02197    | 5/25/99     | GW06323TE | MANGANESE  | 0.76   | UG/L  | B        | 0.05    | 1    | 1     | TR2         | Plume Extent    | REAL    |
| 02197    | 5/25/99     | GW06323TE | MOLYBDENUM | 1.6    | UG/L  | B        | 0.3     | 1    | 1     | TR2         | Plume Extent    | REAL    |
| 02197    | 5/25/99     | GW06323TE | NICKEL     | 1.1    | UG/L  | B        | 0.3     | 1    | 1     | TR2         | Plume Extent    | REAL    |
| 02197    | 5/25/99     | GW06323TE | POTASSIUM  | 409    | UG/L  | B        | 7       | 1    | 1     | TR2         | Plume Extent    | REAL    |
| 02197    | 5/25/99     | GW06323TE | SELENIUM   | 6.1    | UG/L  |          | 1.2     | 1    | 1     | TR2         | Plume Extent    | REAL    |
| 02197    | 5/25/99     | GW06323TE | SILVER     | 0.35   | UG/L  | U        | 0.35    | 1    | 1     | TR2         | Plume Extent    | REAL    |
| 02197    | 5/25/99     | GW06323TE | SODIUM     | 15400  | UG/L  |          | 4.4     | 1    | 1     | TR2         | Plume Extent    | REAL    |
| 02197    | 5/25/99     | GW06323TE | STRONTIUM  | 523    | UG/L  |          | 0.02    | 1    | 1     | TR2         | Plume Extent    | REAL    |
| 02197    | 5/25/99     | GW06323TE | THALLIUM   | 0.88   | UG/L  | U        | 0.88    | 1    | 1     | TR2         | Plume Extent    | REAL    |
| 02197    | 5/25/99     | GW06323TE | TIN        | 0.68   | UG/L  | U        | 0.68    | 1    | 1     | TR2         | Plume Extent    | REAL    |
| 02197    | 5/25/99     | GW06323TE | VANADIUM   | 2.5    | UG/L  | B        | 0.2     | 1    | 1     | TR2         | Plume Extent    | REAL    |
| 02197    | 5/25/99     | GW06323TE | ZINC       | 8.4    | UG/L  | B        | 0.12    | 1    | 1     | TR2         | Plume Extent    | REAL    |
| 02291    | 5/19/99     | GW06324TE | ALUMINUM   | 32.3   | UG/L  |          | 6.9     | 1    | UJ1   | TR1         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | ANTIMONY   | 0.48   | UG/L  | U        | 0.48    | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | ARSENIC    | 0.58   | UG/L  |          | 0.58    | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | BARIUM     | 184    | UG/L  |          | 0.05    | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | BERYLLIUM  | 0.1    | UG/L  |          | 0.02    | 1    | UJ1   | TR1         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | CADMUM     | 0.17   | UG/L  | B        | 0.08    | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | CALCIUM    | 75700  | UG/L  |          | 4.1     | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | CHROMIUM   | 0.28   | UG/L  | B        | 0.15    | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | COBALT     | 0.37   | UG/L  | B        | 0.18    | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | COPPER     | 0.43   | UG/L  | B        | 0.25    | 1    | J1    | TR1         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | IRON       | 22.6   | UG/L  | B        | 4.8     | 1    | UJ1   | TR1         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | LEAD       | 2      | UG/L  |          | 0.72    | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | LITHIUM    | 20.1   | UG/L  | B        | 0.05    | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | MAGNESIUM  | 22900  | UG/L  |          | 0.7     | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | MANGANESE  | 1.7    | UG/L  | B        | 0.05    | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | MERCURY    | 0.1    | UG/L  | U        | 0.1     | 1    | J1    | TR1         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | MOLYBDENUM | 1.2    | UG/L  | B        | 0.3     | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | NICKEL     | 1.6    | UG/L  | B        | 0.3     | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | POTASSIUM  | 371    | UG/L  | B        | 7       | 1    | J1    | TR1         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | SELENIUM   | 1.2    | UG/L  | U        | 1.2     | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | SILVER     | 0.35   | UG/L  | U        | 0.35    | 1    | V1    | TR1         | Perf Monitoring | REAL    |

## Appendix A: Groundwater Analytical Data - Metals

Second Quarter 1999

| Location | Sample Date | Sample #  | Analyte    | Result | Units | Lab Qual | Det Lim | Dilu | Valid | Result Type | IMP Well Class  | QC Type |
|----------|-------------|-----------|------------|--------|-------|----------|---------|------|-------|-------------|-----------------|---------|
| 02291    | 5/19/99     | GW06324TE | SODIUM     | 17600  | UG/L  |          | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | STRONTIUM  | 643    | UG/L  |          | 0.02    | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | THALLIUM   | 0.88   | UG/L  | U        | 0.88    | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | TIN        | 0.68   | UG/L  | U        | 0.68    | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | VANADIUM   | 0.24   | UG/L  | B        | 0.2     | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | ZINC       | 5.2    | UG/L  | B        | 0.12    | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 04091    | 4/13/99     | GW06328TE | ALUMINUM   | 20.8   | UG/L  |          | 6.9     | 1    | UJ1   | TR1         | Plume Extent    | REAL    |
| 04091    | 4/13/99     | GW06328TE | ANTIMONY   | 0.48   | UG/L  | U        | 0.48    | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 04091    | 4/13/99     | GW06328TE | ARSENIC    | 0.7    | UG/L  | B        | 0.58    | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 04091    | 4/13/99     | GW06328TE | BARIUM     | 165    | UG/L  | B        | 0.05    | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 04091    | 4/13/99     | GW06328TE | BERYLLIUM  | 0.06   | UG/L  |          | 0.02    | 1    | UJ1   | TR1         | Plume Extent    | REAL    |
| 04091    | 4/13/99     | GW06328TE | CADMNIUM   | 2      | UG/L  |          | 0.08    | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 04091    | 4/13/99     | GW06328TE | CALCIUM    | 75200  | UG/L  |          | 4.1     | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 04091    | 4/13/99     | GW06328TE | CHROMIUM   | 0.94   | UG/L  | B        | 0.15    | 1    | UJ1   | TR1         | Plume Extent    | REAL    |
| 04091    | 4/13/99     | GW06328TE | COBALT     | 0.18   | UG/L  | U        | 0.18    | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 04091    | 4/13/99     | GW06328TE | COPPER     | 1.7    | UG/L  | B        | 0.25    | 1    | UJ1   | TR1         | Plume Extent    | REAL    |
| 04091    | 4/13/99     | GW06328TE | IRON       | 17.1   | UG/L  | B        | 4.8     | 1    | UJ1   | TR1         | Plume Extent    | REAL    |
| 04091    | 4/13/99     | GW06328TE | LEAD       | 0.72   | UG/L  | U        | 0.72    | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 04091    | 4/13/99     | GW06328TE | LITHIUM    | 5.3    | UG/L  | B        | 0.05    | 1    | J1    | TR1         | Plume Extent    | REAL    |
| 04091    | 4/13/99     | GW06328TE | MAGNESIUM  | 10800  | UG/L  |          | 0.7     | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 04091    | 4/13/99     | GW06328TE | MANGANESE  | 1.1    | UG/L  | B        | 0.05    | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 04091    | 4/13/99     | GW06328TE | MERCURY    | 0.1    | UG/L  | U        | 0.1     | 1    | J1    | TR1         | Plume Extent    | REAL    |
| 04091    | 4/13/99     | GW06328TE | MOLYBDENUM | 18.5   | UG/L  | B        | 0.3     | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 04091    | 4/13/99     | GW06328TE | NICKEL     | 1.1    | UG/L  | B        | 0.3     | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 04091    | 4/13/99     | GW06328TE | POTASSIUM  | 1370   | UG/L  | B        | 7       | 1    | J1    | TR1         | Plume Extent    | REAL    |
| 04091    | 4/13/99     | GW06328TE | SELENIUM   | 1.3    | UG/L  | B        | 1.2     | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 04091    | 4/13/99     | GW06328TE | SILVER     | 0.35   | UG/L  | U        | 0.35    | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 04091    | 4/13/99     | GW06328TE | SODIUM     | 24700  | UG/L  |          | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 04091    | 4/13/99     | GW06328TE | STRONTIUM  | 369    | UG/L  |          | 0.02    | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 04091    | 4/13/99     | GW06328TE | THALLIUM   | 0.88   | UG/L  | U        | 0.88    | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 04091    | 4/13/99     | GW06328TE | TIN        | 0.68   | UG/L  | U        | 0.68    | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 04091    | 4/13/99     | GW06328TE | VANADIUM   | 0.31   | UG/L  | B        | 0.2     | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 04091    | 4/13/99     | GW06328TE | ZINC       | 17     | UG/L  | B        | 0.12    | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 04991    | 6/3/99      | GW06329TE | ALUMINUM   | 11.4   | UG/L  | B        | 5       | 1    | UJ    | TR1         | Plume Extent    | REAL    |
| 04991    | 6/3/99      | GW06329TE | ANTIMONY   | 0.49   | UG/L  | B        | 0.48    | 1    | V     | TR1         | Plume Extent    | REAL    |
| 04991    | 6/3/99      | GW06329TE | ARSENIC    | 0.61   | UG/L  | B        | 0.58    | 1    | V     | TR1         | Plume Extent    | REAL    |
| 04991    | 6/3/99      | GW06329TE | BARIUM     | 102    | UG/L  |          | 0.05    | 1    | V     | TR1         | Plume Extent    | REAL    |
| 04991    | 6/3/99      | GW06329TE | BERYLLIUM  | 0.02   | UG/L  | U        | 0.02    | 1    | V     | TR1         | Plume Extent    | REAL    |
| 04991    | 6/3/99      | GW06329TE | CADMNIUM   | 0.36   | UG/L  | B        | 0.08    | 1    | V     | TR1         | Plume Extent    | REAL    |
| 04991    | 6/3/99      | GW06329TE | CALCIUM    | 90600  | UG/L  |          | 4.1     | 1    | V     | TR1         | Plume Extent    | REAL    |
| 04991    | 6/3/99      | GW06329TE | CHROMIUM   | 1.4    | UG/L  | B        | 0.15    | 1    | V     | TR1         | Plume Extent    | REAL    |
| 04991    | 6/3/99      | GW06329TE | COBALT     | 0.88   | UG/L  | B        | 0.18    | 1    | UJ    | TR1         | Plume Extent    | REAL    |
| 04991    | 6/3/99      | GW06329TE | COPPER     | 2      | UG/L  | B        | 0.25    | 1    | UJ    | TR1         | Plume Extent    | REAL    |
| 04991    | 6/3/99      | GW06329TE | IRON       | 27.9   | UG/L  | B        | 4.8     | 1    | UJ    | TR1         | Plume Extent    | REAL    |
| 04991    | 6/3/99      | GW06329TE | LEAD       | 0.72   | UG/L  | U        | 0.72    | 1    | V     | TR1         | Plume Extent    | REAL    |
| 04991    | 6/3/99      | GW06329TE | LITHIUM    | 10.8   | UG/L  | B        | 0.05    | 1    | V     | TR1         | Plume Extent    | REAL    |
| 04991    | 6/3/99      | GW06329TE | MAGNESIUM  | 11200  | UG/L  |          | 0.7     | 1    | V     | TR1         | Plume Extent    | REAL    |
| 04991    | 6/3/99      | GW06329TE | MANGANESE  | 4.6    | UG/L  | B        | 0.05    | 1    | V     | TR1         | Plume Extent    | REAL    |
| 04991    | 6/3/99      | GW06329TE | MERCURY    | 0.1    | UG/L  | U        | 0.1     | 1    | V     | TR1         | Plume Extent    | REAL    |
| 04991    | 6/3/99      | GW06329TE | MOLYBDENUM | 7.6    | UG/L  | B        | 0.3     | 1    | V     | TR1         | Plume Extent    | REAL    |
| 04991    | 6/3/99      | GW06329TE | NICKEL     | 11.2   | UG/L  | B        | 0.3     | 1    | J     | TR1         | Plume Extent    | REAL    |
| 04991    | 6/3/99      | GW06329TE | POTASSIUM  | 2500   | UG/L  | B        | 7       | 1    | V     | TR1         | Plume Extent    | REAL    |
| 04991    | 6/3/99      | GW06329TE | SELENIUM   | 1.2    | UG/L  | U        | 1.2     | 1    | V     | TR1         | Plume Extent    | REAL    |
| 04991    | 6/3/99      | GW06329TE | SILVER     | 0.35   | UG/L  | U        | 0.35    | 1    | V     | TR1         | Plume Extent    | REAL    |
| 04991    | 6/3/99      | GW06329TE | SODIUM     | 65800  | UG/L  |          | 1       | 1    | V     | TR1         | Plume Extent    | REAL    |
| 04991    | 6/3/99      | GW06329TE | STRONTIUM  | 449    | UG/L  |          | 0.02    | 1    | V     | TR1         | Plume Extent    | REAL    |
| 04991    | 6/3/99      | GW06329TE | THALLIUM   | 0.88   | UG/L  | U        | 0.88    | 1    | J     | TR1         | Plume Extent    | REAL    |
| 04991    | 6/3/99      | GW06329TE | TIN        | 0.68   | UG/L  | U        | 0.68    | 1    | V     | TR1         | Plume Extent    | REAL    |
| 04991    | 6/3/99      | GW06329TE | VANADIUM   | 1.1    | UG/L  | B        | 0.2     | 1    | UJ    | TR1         | Plume Extent    | REAL    |
| 04991    | 6/3/99      | GW06329TE | ZINC       | 8      | UG/L  | B        | 0.12    | 1    | UJ    | TR1         | Plume Extent    | REAL    |
| 06091    | 5/12/99     | GW06330TE | ALUMINUM   | 61.5   | UG/L  |          | 5       | 1    | J1    | TR1         | Plume Extent    | REAL    |
| 06091    | 5/12/99     | GW06330TE | ANTIMONY   | 0.48   | UG/L  | U        | 0.48    | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 06091    | 5/12/99     | GW06330TE | ARSENIC    | 0.58   | UG/L  | U        | 0.58    | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 06091    | 5/12/99     | GW06330TE | BARIUM     | 226    | UG/L  |          | 0.05    | 1    | V1    | TR1         | Plume Extent    | REAL    |

## Appendix A: Groundwater Analytical Data - Metals

Second Quarter 1999

| Location | Sample Date | Sample #  | Analyte    | Result | Units | Lab Qual | Det Lim | Dilu | Valid | Result Type | IMP Well Class  | QC Type |
|----------|-------------|-----------|------------|--------|-------|----------|---------|------|-------|-------------|-----------------|---------|
| 06091    | 5/12/99     | GW06330TE | BERYLLIUM  | 0.02   | UG/L  | U        | 0.02    | 1    | J1    | TR1         | Plume Extent    | REAL    |
| 06091    | 5/12/99     | GW06330TE | CADMUM     | 0.08   | UG/L  | U        | 0.08    | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 06091    | 5/12/99     | GW06330TE | CALCIUM    | 122000 | UG/L  |          | 14.6    | 5    | V1    | TR1         | Plume Extent    | REAL    |
| 06091    | 5/12/99     | GW06330TE | CHROMIUM   | 0.58   | UG/L  | B        | 0.15    | 1    | UJ1   | TR1         | Plume Extent    | REAL    |
| 06091    | 5/12/99     | GW06330TE | COBALT     | 0.19   | UG/L  | B        | 0.18    | 1    | J1    | TR1         | Plume Extent    | REAL    |
| 06091    | 5/12/99     | GW06330TE | COPPER     | 1.2    | UG/L  | B        | 0.25    | 1    | J1    | TR1         | Plume Extent    | REAL    |
| 06091    | 5/12/99     | GW06330TE | IRON       | 50.7   | UG/L  | B        | 4.8     | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 06091    | 5/12/99     | GW06330TE | LEAD       | 0.72   | UG/L  | U        | 0.72    | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 06091    | 5/12/99     | GW06330TE | LITHIUM    | 8.4    | UG/L  | B        | 0.05    | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 06091    | 5/12/99     | GW06330TE | MAGNESIUM  | 14900  | UG/L  | B        | 34.8    | 5    | V1    | TR1         | Plume Extent    | REAL    |
| 06091    | 5/12/99     | GW06330TE | MANGANESE  | 3.9    | UG/L  | B        | 0.05    | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 06091    | 5/12/99     | GW06330TE | MERCURY    | 0.1    | UG/L  | U        | 0.1     | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 06091    | 5/12/99     | GW06330TE | MOLYBDENUM | 1.1    | UG/L  | B        | 0.3     | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 06091    | 5/12/99     | GW06330TE | NICKEL     | 4.6    | UG/L  | B        | 0.3     | 1    | J1    | TR1         | Plume Extent    | REAL    |
| 06091    | 5/12/99     | GW06330TE | POTASSIUM  | 2020   | UG/L  | B        | 7       | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 06091    | 5/12/99     | GW06330TE | SELENIUM   | 1.2    | UG/L  | U        | 1.2     | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 06091    | 5/12/99     | GW06330TE | SILVER     | 0.35   | UG/L  | U        | 0.35    | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 06091    | 5/12/99     | GW06330TE | SODIUM     | 16300  | UG/L  |          | 21.9    | 5    | V1    | TR1         | Plume Extent    | REAL    |
| 06091    | 5/12/99     | GW06330TE | STRONTIUM  | 528    | UG/L  |          | 0.02    | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 06091    | 5/12/99     | GW06330TE | THALLIUM   | 0.88   | UG/L  | U        | 0.88    | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 06091    | 5/12/99     | GW06330TE | TIN        | 0.68   | UG/L  | U        | 0.68    | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 06091    | 5/12/99     | GW06330TE | VANADIUM   | 3.1    | UG/L  | B        | 0.2     | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 06091    | 5/12/99     | GW06330TE | ZINC       | 6.7    | UG/L  | B        | 0.12    | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 10592    | 4/19/99     | GW06342TE | ALUMINUM   | 10.2   | UG/L  | B        | 6.9     | 1    | UJ    | TR1         | Perf Monitoring | REAL    |
| 10592    | 4/19/99     | GW06342TE | ANTIMONY   | 0.48   | UG/L  | B        | 0.48    | 1    | UJ    | TR1         | Perf Monitoring | REAL    |
| 10592    | 4/19/99     | GW06342TE | ARSENIC    | 1.5    | UG/L  | B        | 0.58    | 1    | V     | TR1         | Perf Monitoring | REAL    |
| 10592    | 4/19/99     | GW06342TE | BARIUM     | 37     | UG/L  | B        | 0.05    | 1    | V     | TR1         | Perf Monitoring | REAL    |
| 10592    | 4/19/99     | GW06342TE | BERYLLIUM  | 0.08   | UG/L  | B        | 0.02    | 1    | UJ    | TR1         | Perf Monitoring | REAL    |
| 10592    | 4/19/99     | GW06342TE | CADMUM     | 0.67   | UG/L  | B        | 0.08    | 1    | J     | TR1         | Perf Monitoring | REAL    |
| 10592    | 4/19/99     | GW06342TE | CALCIUM    | 164000 | UG/L  |          | 82      | 20   | V     | TR1         | Perf Monitoring | REAL    |
| 10592    | 4/19/99     | GW06342TE | CHROMIUM   | 0.96   | UG/L  | B        | 0.15    | 1    | UJ    | TR1         | Perf Monitoring | REAL    |
| 10592    | 4/19/99     | GW06342TE | COBALT     | 0.18   | UG/L  | U        | 0.18    | 1    | V     | TR1         | Perf Monitoring | REAL    |
| 10592    | 4/19/99     | GW06342TE | COPPER     | 2.3    | UG/L  | B        | 0.25    | 1    | V     | TR1         | Perf Monitoring | REAL    |
| 10592    | 4/19/99     | GW06342TE | IRON       | 16.1   | UG/L  | B        | 4.8     | 1    | UJ    | TR1         | Perf Monitoring | REAL    |
| 10592    | 4/19/99     | GW06342TE | LEAD       | 0.72   | UG/L  | U        | 0.72    | 1    | V     | TR1         | Perf Monitoring | REAL    |
| 10592    | 4/19/99     | GW06342TE | LITHIUM    | 99.6   | UG/L  | B        | 0.05    | 1    | J     | TR1         | Perf Monitoring | REAL    |
| 10592    | 4/19/99     | GW06342TE | MAGNESIUM  | 55300  | UG/L  |          | 0.7     | 1    | V     | TR1         | Perf Monitoring | REAL    |
| 10592    | 4/19/99     | GW06342TE | MANGANESE  | 0.05   | UG/L  | U        | 0.05    | 1    | V     | TR1         | Perf Monitoring | REAL    |
| 10592    | 4/19/99     | GW06342TE | MERCURY    | 0.1    | UG/L  | U        | 0.1     | 1    | V     | TR1         | Perf Monitoring | REAL    |
| 10592    | 4/19/99     | GW06342TE | MOLYBDENUM | 4.4    | UG/L  | B        | 0.3     | 1    | V     | TR1         | Perf Monitoring | REAL    |
| 10592    | 4/19/99     | GW06342TE | NICKEL     | 1.1    | UG/L  | B        | 0.3     | 1    | V     | TR1         | Perf Monitoring | REAL    |
| 10592    | 4/19/99     | GW06342TE | POTASSIUM  | 2940   | UG/L  | B        | 7       | 1    | J     | TR1         | Perf Monitoring | REAL    |
| 10592    | 4/19/99     | GW06342TE | SELENIUM   | 144    | UG/L  |          | 1.2     | 1    | V     | TR1         | Perf Monitoring | REAL    |
| 10592    | 4/19/99     | GW06342TE | SILVER     | 0.35   | UG/L  | U        | 0.35    | 1    | V     | TR1         | Perf Monitoring | REAL    |
| 10592    | 4/19/99     | GW06342TE | SODIUM     | 171000 | UG/L  |          | 87.5    | 20   | V     | TR1         | Perf Monitoring | REAL    |
| 10592    | 4/19/99     | GW06342TE | STRONTIUM  | 1560   | UG/L  |          | 0.02    | 1    | V     | TR1         | Perf Monitoring | REAL    |
| 10592    | 4/19/99     | GW06342TE | THALLIUM   | 0.88   | UG/L  | U        | 0.88    | 1    | V     | TR1         | Perf Monitoring | REAL    |
| 10592    | 4/19/99     | GW06342TE | TIN        | 0.68   | UG/L  | U        | 0.68    | 1    | V     | TR1         | Perf Monitoring | REAL    |
| 10592    | 4/19/99     | GW06342TE | VANADIUM   | 0.26   | UG/L  | B        | 0.2     | 1    | V     | TR1         | Perf Monitoring | REAL    |
| 10592    | 4/19/99     | GW06342TE | ZINC       | 7.5    | UG/L  | B        | 0.12    | 1    | V     | TR1         | Perf Monitoring | REAL    |
| 10792    | 5/10/99     | GW06343TE | ALUMINUM   | 12.3   | UG/L  | B        | 5       | 1    | J1    | TR1         | Perf Monitoring | REAL    |
| 10792    | 5/10/99     | GW06343TE | ANTIMONY   | 1      | UG/L  | B        | 0.48    | 1    | UJ1   | TR1         | Perf Monitoring | REAL    |
| 10792    | 5/10/99     | GW06343TE | ARSENIC    | 4.3    | UG/L  | B        | 0.58    | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 10792    | 5/10/99     | GW06343TE | BARIUM     | 19.7   | UG/L  | B        | 0.05    | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 10792    | 5/10/99     | GW06343TE | BERYLLIUM  | 0.02   | UG/L  | U        | 0.02    | 1    | J1    | TR1         | Perf Monitoring | REAL    |
| 10792    | 5/10/99     | GW06343TE | CADMUM     | 0.23   | UG/L  | B        | 0.08    | 1    | J1    | TR1         | Perf Monitoring | REAL    |
| 10792    | 5/10/99     | GW06343TE | CALCIUM    | 58100  | UG/L  |          | 2.9     | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 10792    | 5/10/99     | GW06343TE | CHROMIUM   | 7.1    | UG/L  |          | 0.15    | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 10792    | 5/10/99     | GW06343TE | COBALT     | 0.26   | UG/L  | B        | 0.18    | 1    | J1    | TR1         | Perf Monitoring | REAL    |
| 10792    | 5/10/99     | GW06343TE | COPPER     | 1      | UG/L  | B        | 0.25    | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 10792    | 5/10/99     | GW06343TE | IRON       | 7.9    | UG/L  |          | 4.8     | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 10792    | 5/10/99     | GW06343TE | LEAD       | 0.72   | UG/L  | U        | 0.72    | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 10792    | 5/10/99     | GW06343TE | LITHIUM    | 61.8   | UG/L  | B        | 0.05    | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 10792    | 5/10/99     | GW06343TE | MAGNESIUM  | 13000  | UG/L  |          | 7       | 1    | V1    | TR1         | Perf Monitoring | REAL    |

## Appendix A: Groundwater Analytical Data - Metals

Second Quarter 1999

| Location | Sample Date | Sample #  | Analyte    | Result | Units | Lab Qual | Det Lim | Dilu | Valid | Result Type | IMP Well Class  | QC Type |
|----------|-------------|-----------|------------|--------|-------|----------|---------|------|-------|-------------|-----------------|---------|
| 10792    | 5/10/99     | GW06343TE | MANGANESE  | 1.2    | UG/L  | B        | 0.05    | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 10792    | 5/10/99     | GW06343TE | MERCURY    | 0.1    | UG/L  | U        | 0.1     | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 10792    | 5/10/99     | GW06343TE | MOLYBDENUM | 12.2   | UG/L  | B        | 0.3     | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 10792    | 5/10/99     | GW06343TE | NICKEL     | 1.2    | UG/L  | B        | 0.3     | 1    | J1    | TR1         | Perf Monitoring | REAL    |
| 10792    | 5/10/99     | GW06343TE | POTASSIUM  | 2480   | UG/L  | B        | 7       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 10792    | 5/10/99     | GW06343TE | SELENIUM   | 53.2   | UG/L  |          | 1.2     | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 10792    | 5/10/99     | GW06343TE | SILVER     | 0.35   | UG/L  | U        | 0.35    | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 10792    | 5/10/99     | GW06343TE | SODIUM     | 101000 | UG/L  |          | 43.8    | 10   | V1    | TR1         | Perf Monitoring | REAL    |
| 10792    | 5/10/99     | GW06343TE | STRONTIUM  | 580    | UG/L  |          | 0.02    | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 10792    | 5/10/99     | GW06343TE | THALLIUM   | 0.88   | UG/L  | U        | 0.88    | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 10792    | 5/10/99     | GW06343TE | TIN        | 0.68   | UG/L  | U        | 0.68    | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 10792    | 5/10/99     | GW06343TE | VANADIUM   | 3.7    | UG/L  | B        | 0.2     | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 10792    | 5/10/99     | GW06343TE | ZINC       | 5.7    | UG/L  | B        | 0.12    | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 11092    | 5/11/99     | GW06344TE | ALUMINUM   | 25.6   | UG/L  |          | 5       | 1    | 1     | TR1         | Perf Monitoring | REAL    |
| 11092    | 5/11/99     | GW06344TE | ANTIMONY   | 1.8    | UG/L  | B        | 0.48    | 1    | 1     | TR1         | Perf Monitoring | REAL    |
| 11092    | 5/11/99     | GW06344TE | ARSENIC    | 14.5   | UG/L  |          | 0.58    | 1    | 1     | TR1         | Perf Monitoring | REAL    |
| 11092    | 5/11/99     | GW06344TE | BARIUM     | 75.1   | UG/L  | B        | 0.05    | 1    | 1     | TR1         | Perf Monitoring | REAL    |
| 11092    | 5/11/99     | GW06344TE | BERYLLIUM  | 0.02   | UG/L  | U        | 0.02    | 1    | 1     | TR1         | Perf Monitoring | REAL    |
| 11092    | 5/11/99     | GW06344TE | CADMIUM    | 2      | UG/L  |          | 0.08    | 1    | 1     | TR1         | Perf Monitoring | REAL    |
| 11092    | 5/11/99     | GW06344TE | CALCIUM    | 51400  | UG/L  |          | 4.1     | 1    | 1     | TR1         | Perf Monitoring | REAL    |
| 11092    | 5/11/99     | GW06344TE | CHROMIUM   | 7.4    | UG/L  |          | 0.15    | 1    | 1     | TR1         | Perf Monitoring | REAL    |
| 11092    | 5/11/99     | GW06344TE | COBALT     | 1      | UG/L  | B        | 0.18    | 1    | 1     | TR1         | Perf Monitoring | REAL    |
| 11092    | 5/11/99     | GW06344TE | COPPER     | 6.1    | UG/L  |          | 0.25    | 1    | 1     | TR1         | Perf Monitoring | REAL    |
| 11092    | 5/11/99     | GW06344TE | IRON       | 105    | UG/L  |          | 4.8     | 1    | 1     | TR1         | Perf Monitoring | REAL    |
| 11092    | 5/11/99     | GW06344TE | LEAD       | 0.87   | UG/L  | B        | 0.72    | 1    | 1     | TR1         | Perf Monitoring | REAL    |
| 11092    | 5/11/99     | GW06344TE | LITHIUM    | 67.1   | UG/L  | B        | 0.05    | 1    | 1     | TR1         | Perf Monitoring | REAL    |
| 11092    | 5/11/99     | GW06344TE | MAGNESIUM  | 21900  | UG/L  |          | 0.7     | 1    | 1     | TR1         | Perf Monitoring | REAL    |
| 11092    | 5/11/99     | GW06344TE | MANGANESE  | 3.8    | UG/L  | B        | 0.05    | 1    | 1     | TR1         | Perf Monitoring | REAL    |
| 11092    | 5/11/99     | GW06344TE | MERCURY    | 0.1    | UG/L  | U        | 0.1     | 1    | 1     | TR1         | Perf Monitoring | REAL    |
| 11092    | 5/11/99     | GW06344TE | MERCURY    | 0.1    | UG/L  | U        | 0.1     | 1    | 1     | TR2         | Perf Monitoring | REAL    |
| 11092    | 5/11/99     | GW06344TE | MOLYBDENUM | 11.8   | UG/L  | B        | 0.3     | 1    | 1     | TR1         | Perf Monitoring | REAL    |
| 11092    | 5/11/99     | GW06344TE | NICKEL     | 4      | UG/L  | B        | 0.3     | 1    | 1     | TR1         | Perf Monitoring | REAL    |
| 11092    | 5/11/99     | GW06344TE | POTASSIUM  | 2570   | UG/L  | B        | 7       | 1    | 1     | TR1         | Perf Monitoring | REAL    |
| 11092    | 5/11/99     | GW06344TE | SELENIUM   | 612    | UG/L  |          | 1.2     | 1    | 1     | TR1         | Perf Monitoring | REAL    |
| 11092    | 5/11/99     | GW06344TE | SILVER     | 0.35   | UG/L  | U        | 0.35    | 1    | 1     | TR1         | Perf Monitoring | REAL    |
| 11092    | 5/11/99     | GW06344TE | SODIUM     | 102000 | UG/L  |          | 21.9    | 5    | 1     | TR1         | Perf Monitoring | REAL    |
| 11092    | 5/11/99     | GW06344TE | STRONTIUM  | 730    | UG/L  |          | 0.02    | 1    | 1     | TR1         | Perf Monitoring | REAL    |
| 11092    | 5/11/99     | GW06344TE | THALLIUM   | 0.88   | UG/L  | U        | 0.88    | 1    | 1     | TR1         | Perf Monitoring | REAL    |
| 11092    | 5/11/99     | GW06344TE | TIN        | 0.68   | UG/L  | U        | 0.68    | 1    | 1     | TR1         | Perf Monitoring | REAL    |
| 11092    | 5/11/99     | GW06344TE | VANADIUM   | 1.1    | UG/L  | B        | 0.2     | 1    | 1     | TR1         | Perf Monitoring | REAL    |
| 11092    | 5/11/99     | GW06344TE | ZINC       | 27.2   | UG/L  |          | 0.12    | 1    | 1     | TR1         | Perf Monitoring | REAL    |
| 11891    | 5/20/99     | GW06345TE | ALUMINUM   | 9.6    | UG/L  | B        | 6.9     | 1    | UJ1   | TR1         | Perf Monitoring | REAL    |
| 11891    | 5/20/99     | GW06345TE | ANTIMONY   | 0.48   | UG/L  | U        | 0.48    | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 11891    | 5/20/99     | GW06345TE | ARSENIC    | 0.58   | UG/L  | U        | 0.58    | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 11891    | 5/20/99     | GW06345TE | BARIUM     | 239    | UG/L  |          | 0.05    | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 11891    | 5/20/99     | GW06345TE | BERYLLIUM  | 0.08   | UG/L  | B        | 0.02    | 1    | UJ1   | TR1         | Perf Monitoring | REAL    |
| 11891    | 5/20/99     | GW06345TE | CADMIUM    | 0.18   | UG/L  | B        | 0.08    | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 11891    | 5/20/99     | GW06345TE | CALCIUM    | 120000 | UG/L  |          | 4.1     | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 11891    | 5/20/99     | GW06345TE | CHROMIUM   | 0.2    | UG/L  | B        | 0.15    | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 11891    | 5/20/99     | GW06345TE | COBALT     | 0.18   | UG/L  | U        | 0.18    | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 11891    | 5/20/99     | GW06345TE | COPPER     | 0.36   | UG/L  | B        | 0.25    | 1    | J1    | TR1         | Perf Monitoring | REAL    |
| 11891    | 5/20/99     | GW06345TE | IRON       | 11.2   | UG/L  | B        | 4.8     | 1    | UJ1   | TR1         | Perf Monitoring | REAL    |
| 11891    | 5/20/99     | GW06345TE | LEAD       | 0.72   | UG/L  | U        | 0.72    | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 11891    | 5/20/99     | GW06345TE | LITHIUM    | 8.1    | UG/L  | B        | 0.05    | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 11891    | 5/20/99     | GW06345TE | MAGNESIUM  | 11700  | UG/L  |          | 0.7     | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 11891    | 5/20/99     | GW06345TE | MANGANESE  | 0.05   | UG/L  | U        | 0.05    | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 11891    | 5/20/99     | GW06345TE | MERCURY    | 0.1    | UG/L  | U        | 0.1     | 1    | J1    | TR1         | Perf Monitoring | REAL    |
| 11891    | 5/20/99     | GW06345TE | MOLYBDENUM | 0.49   | UG/L  | B        | 0.3     | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 11891    | 5/20/99     | GW06345TE | NICKEL     | 0.75   | UG/L  | B        | 0.3     | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 11891    | 5/20/99     | GW06345TE | POTASSIUM  | 1290   | UG/L  | B        | 7       | 1    | J1    | TR1         | Perf Monitoring | REAL    |
| 11891    | 5/20/99     | GW06345TE | SELENIUM   | 1.4    | UG/L  | B        | 1.2     | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 11891    | 5/20/99     | GW06345TE | SILVER     | 0.35   | UG/L  | U        | 0.35    | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 11891    | 5/20/99     | GW06345TE | SODIUM     | 2300   | UG/L  |          | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 11891    | 5/20/99     | GW06345TE | STRONTIUM  | 442    | UG/L  | B        | 0.02    | 1    | V1    | TR1         | Perf Monitoring | REAL    |

## Appendix A: Groundwater Analytical Data - Metals

Second Quarter 1999

| Location | Sample Date | Sample #  | Analyte    | Result | Units | Lab Qual | Det Lim | Dilu | Valid | Result Type | IMP Well Class  | QC Type |
|----------|-------------|-----------|------------|--------|-------|----------|---------|------|-------|-------------|-----------------|---------|
| 11891    | 5/20/99     | GW06345TE | THALLIUM   | 0.88   | UG/L  | U        | 0.88    | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 11891    | 5/20/99     | GW06345TE | TIN        | 0.68   | UG/L  | U        | 0.68    | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 11891    | 5/20/99     | GW06345TE | VANADIUM   | 0.49   | UG/L  | B        | 0.2     | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 11891    | 5/20/99     | GW06345TE | ZINC       | 3.1    | UG/L  | B        | 0.12    | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 11891    | 5/20/99     | GW06346TE | ALUMINUM   | 13.2   | UG/L  | B        | 6.9     | 1    | UJ1   | TR1         | Perf Monitoring | DUP     |
| 11891    | 5/20/99     | GW06346TE | ANTIMONY   | 0.48   | UG/L  | U        | 0.48    | 1    | V1    | TR1         | Perf Monitoring | DUP     |
| 11891    | 5/20/99     | GW06346TE | ARSENIC    | 0.58   | UG/L  | U        | 0.58    | 1    | V1    | TR1         | Perf Monitoring | DUP     |
| 11891    | 5/20/99     | GW06346TE | BARIUM     | 238    | UG/L  |          | 0.05    | 1    | V1    | TR1         | Perf Monitoring | DUP     |
| 11891    | 5/20/99     | GW06346TE | BERYLLIUM  | 0.08   | UG/L  | B        | 0.02    | 1    | UJ1   | TR1         | Perf Monitoring | DUP     |
| 11891    | 5/20/99     | GW06346TE | CADMUM     | 0.16   | UG/L  | B        | 0.08    | 1    | V1    | TR1         | Perf Monitoring | DUP     |
| 11891    | 5/20/99     | GW06346TE | CALCIUM    | 120000 | UG/L  |          | 4.1     | 1    | V1    | TR1         | Perf Monitoring | DUP     |
| 11891    | 5/20/99     | GW06346TE | CHROMIUM   | 0.22   | UG/L  | B        | 0.15    | 1    | V1    | TR1         | Perf Monitoring | DUP     |
| 11891    | 5/20/99     | GW06346TE | COBALT     | 0.18   | UG/L  | U        | 0.18    | 1    | V1    | TR1         | Perf Monitoring | DUP     |
| 11891    | 5/20/99     | GW06346TE | COPPER     | 0.35   | UG/L  | B        | 0.25    | 1    | J1    | TR1         | Perf Monitoring | DUP     |
| 11891    | 5/20/99     | GW06346TE | IRON       | 12.9   | UG/L  | B        | 4.8     | 1    | UJ1   | TR1         | Perf Monitoring | DUP     |
| 11891    | 5/20/99     | GW06346TE | LEAD       | 0.72   | UG/L  | U        | 0.72    | 1    | V1    | TR1         | Perf Monitoring | DUP     |
| 11891    | 5/20/99     | GW06346TE | LITHIUM    | 8.1    | UG/L  | B        | 0.05    | 1    | V1    | TR1         | Perf Monitoring | DUP     |
| 11891    | 5/20/99     | GW06346TE | MAGNESIUM  | 11700  | UG/L  |          | 0.7     | 1    | V1    | TR1         | Perf Monitoring | DUP     |
| 11891    | 5/20/99     | GW06346TE | MANGANESE  | 0.09   | UG/L  | B        | 0.05    | 1    | UJ1   | TR1         | Perf Monitoring | DUP     |
| 11891    | 5/20/99     | GW06346TE | MERCURY    | 0.1    | UG/L  | U        | 0.1     | 1    | J1    | TR1         | Perf Monitoring | DUP     |
| 11891    | 5/20/99     | GW06346TE | MOLYBDENUM | 0.65   | UG/L  | B        | 0.3     | 1    | V1    | TR1         | Perf Monitoring | DUP     |
| 11891    | 5/20/99     | GW06346TE | NICKEL     | 0.51   | UG/L  | B        | 0.3     | 1    | V1    | TR1         | Perf Monitoring | DUP     |
| 11891    | 5/20/99     | GW06346TE | POTASSIUM  | 1270   | UG/L  | B        | 7       | 1    | J1    | TR1         | Perf Monitoring | DUP     |
| 11891    | 5/20/99     | GW06346TE | SELENIUM   | 1.2    | UG/L  | U        | 1.2     | 1    | V1    | TR1         | Perf Monitoring | DUP     |
| 11891    | 5/20/99     | GW06346TE | SILVER     | 0.35   | UG/L  | U        | 0.35    | 1    | V1    | TR1         | Perf Monitoring | DUP     |
| 11891    | 5/20/99     | GW06346TE | SODIUM     | 23200  | UG/L  |          | 1       | 1    | V1    | TR1         | Perf Monitoring | DUP     |
| 11891    | 5/20/99     | GW06346TE | STRONTIUM  | 440    | UG/L  |          | 0.02    | 1    | V1    | TR1         | Perf Monitoring | DUP     |
| 11891    | 5/20/99     | GW06346TE | THALLIUM   | 0.88   | UG/L  | U        | 0.88    | 1    | V1    | TR1         | Perf Monitoring | DUP     |
| 11891    | 5/20/99     | GW06346TE | TIN        | 0.68   | UG/L  | U        | 0.68    | 1    | V1    | TR1         | Perf Monitoring | DUP     |
| 11891    | 5/20/99     | GW06346TE | VANADIUM   | 0.44   | UG/L  | B        | 0.2     | 1    | V1    | TR1         | Perf Monitoring | DUP     |
| 11891    | 5/20/99     | GW06346TE | ZINC       | 4.8    | UG/L  | B        | 0.12    | 1    | V1    | TR1         | Perf Monitoring | DUP     |
| 11891    | 5/20/99     | GW06347TE | ALUMINUM   | 8.8    | UG/L  | B        | 6.9     | 1    | UJ1   | TR1         | Perf Monitoring | RNS     |
| 11891    | 5/20/99     | GW06347TE | ANTIMONY   | 0.48   | UG/L  | U        | 0.48    | 1    | V1    | TR1         | Perf Monitoring | RNS     |
| 11891    | 5/20/99     | GW06347TE | ARSENIC    | 0.58   | UG/L  | U        | 0.58    | 1    | V1    | TR1         | Perf Monitoring | RNS     |
| 11891    | 5/20/99     | GW06347TE | BARIUM     | 0.24   | UG/L  | B        | 0.05    | 1    | V1    | TR1         | Perf Monitoring | RNS     |
| 11891    | 5/20/99     | GW06347TE | BERYLLIUM  | 0.07   | UG/L  | B        | 0.02    | 1    | UJ1   | TR1         | Perf Monitoring | RNS     |
| 11891    | 5/20/99     | GW06347TE | CADMUM     | 0.08   | UG/L  | U        | 0.08    | 1    | V1    | TR1         | Perf Monitoring | RNS     |
| 11891    | 5/20/99     | GW06347TE | CALCIUM    | 64.2   | UG/L  | B        | 4.1     | 1    | V1    | TR1         | Perf Monitoring | RNS     |
| 11891    | 5/20/99     | GW06347TE | CHROMIUM   | 0.15   | UG/L  | U        | 0.15    | 1    | V1    | TR1         | Perf Monitoring | RNS     |
| 11891    | 5/20/99     | GW06347TE | COBALT     | 0.25   | UG/L  | B        | 0.18    | 1    | V1    | TR1         | Perf Monitoring | RNS     |
| 11891    | 5/20/99     | GW06347TE | COPPER     | 0.48   | UG/L  | B        | 0.25    | 1    | J1    | TR1         | Perf Monitoring | RNS     |
| 11891    | 5/20/99     | GW06347TE | IRON       | 8.3    | UG/L  | B        | 4.8     | 1    | UJ1   | TR1         | Perf Monitoring | RNS     |
| 11891    | 5/20/99     | GW06347TE | LEAD       | 0.72   | UG/L  | U        | 0.72    | 1    | V1    | TR1         | Perf Monitoring | RNS     |
| 11891    | 5/20/99     | GW06347TE | LITHIUM    | 0.24   | UG/L  | B        | 0.05    | 1    | UJ1   | TR1         | Perf Monitoring | RNS     |
| 11891    | 5/20/99     | GW06347TE | MAGNESIUM  | 7      | UG/L  | B        | 0.7     | 1    | UJ1   | TR1         | Perf Monitoring | RNS     |
| 11891    | 5/20/99     | GW06347TE | MANGANESE  | 1      | UG/L  | B        | 0.05    | 1    | V1    | TR1         | Perf Monitoring | RNS     |
| 11891    | 5/20/99     | GW06347TE | MERCURY    | 0.29   | UG/L  |          | 0.1     | 1    | J1    | TR1         | Perf Monitoring | RNS     |
| 11891    | 5/20/99     | GW06347TE | MOLYBDENUM | 0.3    | UG/L  | U        | 0.3     | 1    | V1    | TR1         | Perf Monitoring | RNS     |
| 11891    | 5/20/99     | GW06347TE | NICKEL     | 0.3    | UG/L  | U        | 0.3     | 1    | V1    | TR1         | Perf Monitoring | RNS     |
| 11891    | 5/20/99     | GW06347TE | POTASSIUM  | 14.4   | UG/L  | B        | 7       | 1    | J1    | TR1         | Perf Monitoring | RNS     |
| 11891    | 5/20/99     | GW06347TE | SELENIUM   | 1.2    | UG/L  | U        | 1.2     | 1    | V1    | TR1         | Perf Monitoring | RNS     |
| 11891    | 5/20/99     | GW06347TE | SILVER     | 0.35   | UG/L  | U        | 0.35    | 1    | V1    | TR1         | Perf Monitoring | RNS     |
| 11891    | 5/20/99     | GW06347TE | SODIUM     | 105    | UG/L  | B        | 1       | 1    | UJ1   | TR1         | Perf Monitoring | RNS     |
| 11891    | 5/20/99     | GW06347TE | STRONTIUM  | 0.28   | UG/L  | B        | 0.02    | 1    | UJ1   | TR1         | Perf Monitoring | RNS     |
| 11891    | 5/20/99     | GW06347TE | THALLIUM   | 0.88   | UG/L  | U        | 0.88    | 1    | V1    | TR1         | Perf Monitoring | RNS     |
| 11891    | 5/20/99     | GW06347TE | TIN        | 1.1    | UG/L  | B        | 0.68    | 1    | V1    | TR1         | Perf Monitoring | RNS     |
| 11891    | 5/20/99     | GW06347TE | VANADIUM   | 0.2    | UG/L  | U        | 0.2     | 1    | V1    | TR1         | Perf Monitoring | RNS     |
| 11891    | 5/20/99     | GW06347TE | ZINC       | 4.5    | UG/L  | B        | 0.12    | 1    | V1    | TR1         | Perf Monitoring | RNS     |
| 12191    | 6/3/99      | GW06348TE | ALUMINUM   | 6.5    | UG/L  | B        | 5       | 1    | UJ    | TR1         | Perf Monitoring | REAL    |
| 12191    | 6/3/99      | GW06348TE | ANTIMONY   | 0.64   | UG/L  | B        | 0.48    | 1    | V     | TR1         | Perf Monitoring | REAL    |
| 12191    | 6/3/99      | GW06348TE | ARSENIC    | 0.58   | UG/L  | U        | 0.58    | 1    | V     | TR1         | Perf Monitoring | REAL    |
| 12191    | 6/3/99      | GW06348TE | BARIUM     | 193    | UG/L  |          | 0.05    | 1    | V     | TR1         | Perf Monitoring | REAL    |
| 12191    | 6/3/99      | GW06348TE | BERYLLIUM  | 0.02   | UG/L  | U        | 0.02    | 1    | V     | TR1         | Perf Monitoring | REAL    |
| 12191    | 6/3/99      | GW06348TE | CADMUM     | 0.15   | UG/L  | B        | 0.08    | 1    | V     | TR1         | Perf Monitoring | REAL    |

## Appendix A: Groundwater Analytical Data - Metals

Second Quarter 1999

| Location | Sample Date | Sample #  | Analyte    | Result | Units | Lab Qual | Det Lim | Dilu | Valid | Result Type | IMP Well Class  | QC Type |
|----------|-------------|-----------|------------|--------|-------|----------|---------|------|-------|-------------|-----------------|---------|
| 12191    | 6/3/99      | GW06348TE | CALCIUM    | 146000 | UG/L  |          | 4.1     | 1    | V     | TR1         | Perf Monitoring | REAL    |
| 12191    | 6/3/99      | GW06348TE | CHROMIUM   | 0.42   | UG/L  | B        | 0.15    | 1    | UJ    | TR1         | Perf Monitoring | REAL    |
| 12191    | 6/3/99      | GW06348TE | COBALT     | 0.62   | UG/L  | B        | 0.18    | 1    | UJ    | TR1         | Perf Monitoring | REAL    |
| 12191    | 6/3/99      | GW06348TE | COPPER     | 3.8    | UG/L  |          | 0.25    | 1    | V     | TR1         | Perf Monitoring | REAL    |
| 12191    | 6/3/99      | GW06348TE | IRON       | 18.6   | UG/L  | B        | 4.8     | 1    | UJ    | TR1         | Perf Monitoring | REAL    |
| 12191    | 6/3/99      | GW06348TE | LEAD       | 0.72   | UG/L  | U        | 0.72    | 1    | V     | TR1         | Perf Monitoring | REAL    |
| 12191    | 6/3/99      | GW06348TE | LITHIUM    | 6.1    | UG/L  | B        | 0.05    | 1    | V     | TR1         | Perf Monitoring | REAL    |
| 12191    | 6/3/99      | GW06348TE | MAGNESIUM  | 10800  | UG/L  |          | 0.7     | 1    | V     | TR1         | Perf Monitoring | REAL    |
| 12191    | 6/3/99      | GW06348TE | MANGANESE  | 1.3    | UG/L  | B        | 0.05    | 1    | V     | TR1         | Perf Monitoring | REAL    |
| 12191    | 6/3/99      | GW06348TE | MERCURY    | 0.1    | UG/L  | U        | 0.1     | 1    | V     | TR1         | Perf Monitoring | REAL    |
| 12191    | 6/3/99      | GW06348TE | MOLYBDENUM | 0.52   | UG/L  | B        | 0.3     | 1    | V     | TR1         | Perf Monitoring | REAL    |
| 12191    | 6/3/99      | GW06348TE | NICKEL     | 1.3    | UG/L  | B        | 0.3     | 1    | J     | TR1         | Perf Monitoring | REAL    |
| 12191    | 6/3/99      | GW06348TE | POTASSIUM  | 1090   | UG/L  | B        | 7       | 1    | V     | TR1         | Perf Monitoring | REAL    |
| 12191    | 6/3/99      | GW06348TE | SELENIUM   | 1.2    | UG/L  | U        | 1.2     | 1    | V     | TR1         | Perf Monitoring | REAL    |
| 12191    | 6/3/99      | GW06348TE | SILVER     | 0.35   | UG/L  | U        | 0.35    | 1    | V     | TR1         | Perf Monitoring | REAL    |
| 12191    | 6/3/99      | GW06348TE | SODIUM     | 13600  | UG/L  |          | 4.4     | 1    | V     | TR1         | Perf Monitoring | REAL    |
| 12191    | 6/3/99      | GW06348TE | STRONTIUM  | 443    | UG/L  |          | 0.02    | 1    | V     | TR1         | Perf Monitoring | REAL    |
| 12191    | 6/3/99      | GW06348TE | THALLIUM   | 0.91   | UG/L  | B        | 0.88    | 1    | J     | TR1         | Perf Monitoring | REAL    |
| 12191    | 6/3/99      | GW06348TE | TIN        | 0.68   | UG/L  | U        | 0.68    | 1    | V     | TR1         | Perf Monitoring | REAL    |
| 12191    | 6/3/99      | GW06348TE | VANADIUM   | 1.5    | UG/L  | B        | 0.2     | 1    | V     | TR1         | Perf Monitoring | REAL    |
| 12191    | 6/3/99      | GW06348TE | ZINC       | 8.4    | UG/L  | B        | 0.12    | 1    | UJ    | TR1         | Perf Monitoring | REAL    |
| 1386     | 5/18/99     | GW06332TE | ALUMINUM   | 8.4    | UG/L  | B        | 6.9     | 1    | UJ1   | TR1         | Plume Extent    | REAL    |
| 1386     | 5/18/99     | GW06332TE | ANTIMONY   | 0.48   | UG/L  | U        | 0.48    | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 1386     | 5/18/99     | GW06332TE | ARSENIC    | 0.58   | UG/L  | U        | 0.58    | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 1386     | 5/18/99     | GW06332TE | BARIUM     | 114    | UG/L  |          | 0.05    | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 1386     | 5/18/99     | GW06332TE | BERYLLIUM  | 0.11   | UG/L  | B        | 0.02    | 1    | UJ1   | TR1         | Plume Extent    | REAL    |
| 1386     | 5/18/99     | GW06332TE | CADMIDIUM  | 0.41   | UG/L  | B        | 0.08    | 1    | J1    | TR1         | Plume Extent    | REAL    |
| 1386     | 5/18/99     | GW06332TE | CALCIUM    | 145000 | UG/L  |          | 4.1     | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 1386     | 5/18/99     | GW06332TE | CHROMIUM   | 1.8    | UG/L  | B        | 0.15    | 1    | J1    | TR1         | Plume Extent    | REAL    |
| 1386     | 5/18/99     | GW06332TE | COBALT     | 4.3    | UG/L  | B        | 0.18    | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 1386     | 5/18/99     | GW06332TE | COPPER     | 3.8    | UG/L  |          | 0.25    | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 1386     | 5/18/99     | GW06332TE | IRON       | 11.3   | UG/L  | B        | 4.8     | 1    | UJ1   | TR1         | Plume Extent    | REAL    |
| 1386     | 5/18/99     | GW06332TE | LEAD       | 2.6    | UG/L  |          | 0.72    | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 1386     | 5/18/99     | GW06332TE | LITHIUM    | 21.9   | UG/L  | B        | 0.05    | 1    | J1    | TR1         | Plume Extent    | REAL    |
| 1386     | 5/18/99     | GW06332TE | MAGNESIUM  | 47400  | UG/L  |          | 0.7     | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 1386     | 5/18/99     | GW06332TE | MANGANESE  | 217    | UG/L  |          | 0.05    | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 1386     | 5/18/99     | GW06332TE | MERCURY    | 0.1    | UG/L  | U        | 0.1     | 1    | J1    | TR1         | Plume Extent    | REAL    |
| 1386     | 5/18/99     | GW06332TE | MOLYBDENUM | 6.5    | UG/L  | B        | 0.3     | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 1386     | 5/18/99     | GW06332TE | NICKEL     | 371    | UG/L  |          | 0.3     | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 1386     | 5/18/99     | GW06332TE | POTASSIUM  | 1460   | UG/L  | B        | 7       | 1    | J1    | TR1         | Plume Extent    | REAL    |
| 1386     | 5/18/99     | GW06332TE | SELENIUM   | 1.2    | UG/L  | U        | 1.2     | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 1386     | 5/18/99     | GW06332TE | SILVER     | 0.35   | UG/L  | U        | 0.35    | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 1386     | 5/18/99     | GW06332TE | SODIUM     | 96400  | UG/L  |          | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 1386     | 5/18/99     | GW06332TE | STRONTIUM  | 1110   | UG/L  |          | 0.02    | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 1386     | 5/18/99     | GW06332TE | THALLIUM   | 0.88   | UG/L  | U        | 0.88    | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 1386     | 5/18/99     | GW06332TE | TIN        | 0.68   | UG/L  | U        | 0.68    | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 1386     | 5/18/99     | GW06332TE | VANADIUM   | 0.2    | UG/L  | U        | 0.2     | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 1386     | 5/18/99     | GW06332TE | ZINC       | 9.4    | UG/L  | B        | 0.12    | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 1786     | 5/11/99     | GW06333TE | ALUMINUM   | 413    | UG/L  |          | 5       | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 1786     | 5/11/99     | GW06333TE | ANTIMONY   | 0.5    | UG/L  |          | 0.48    | 1    | UJ1   | TR1         | Plume Extent    | REAL    |
| 1786     | 5/11/99     | GW06333TE | ARSENIC    | 1.2    | UG/L  | B        | 0.58    | 1    | UJ1   | TR1         | Plume Extent    | REAL    |
| 1786     | 5/11/99     | GW06333TE | BARIUM     | 171    | UG/L  |          | 0.05    | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 1786     | 5/11/99     | GW06333TE | BERYLLIUM  | 0.02   | UG/L  | U        | 0.02    | 1    | J1    | TR1         | Plume Extent    | REAL    |
| 1786     | 5/11/99     | GW06333TE | CADMIDIUM  | 0.1    | UG/L  | B        | 0.08    | 1    | J1    | TR1         | Plume Extent    | REAL    |
| 1786     | 5/11/99     | GW06333TE | CALCIUM    | 472000 | UG/L  |          | 14.6    | 5    | V1    | TR1         | Plume Extent    | REAL    |
| 1786     | 5/11/99     | GW06333TE | CHROMIUM   | 1.1    | UG/L  | B        | 0.15    | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 1786     | 5/11/99     | GW06333TE | COBALT     | 2.8    | UG/L  | B        | 0.18    | 1    | J1    | TR1         | Plume Extent    | REAL    |
| 1786     | 5/11/99     | GW06333TE | COPPER     | 1.2    | UG/L  | B        | 0.25    | 1    | J1    | TR1         | Plume Extent    | REAL    |
| 1786     | 5/11/99     | GW06333TE | IRON       | 250    | UG/L  |          | 4.8     | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 1786     | 5/11/99     | GW06333TE | LEAD       | 0.72   | UG/L  | U        | 0.72    | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 1786     | 5/11/99     | GW06333TE | LITHIUM    | 372    | UG/L  |          | 0.05    | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 1786     | 5/11/99     | GW06333TE | MAGNESIUM  | 159000 | UG/L  |          | 34.8    | 5    | V1    | TR1         | Plume Extent    | REAL    |
| 1786     | 5/11/99     | GW06333TE | MANGANESE  | 0.19   | UG/L  | B        | 0.05    | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 1786     | 5/11/99     | GW06333TE | MERCURY    | 0.1    | UG/L  | U        | 0.1     | 1    | V1    | TR1         | Plume Extent    | REAL    |

## Appendix A: Groundwater Analytical Data - Metals

Second Quarter 1999

| Location | Sample Date | Sample #  | Analyte    | Result | Units | Lab Qual | Det Lim | Dilu | Valid | Result Type | IMP Well Class | QC Type |
|----------|-------------|-----------|------------|--------|-------|----------|---------|------|-------|-------------|----------------|---------|
| 1786     | 5/11/99     | GW06333TE | MOLYBDENUM | 0.91   | UG/L  | B        | 0.3     | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 1786     | 5/11/99     | GW06333TE | NICKEL     | 3.1    | UG/L  | B        | 0.3     | 1    | J1    | TR1         | Plume Extent   | REAL    |
| 1786     | 5/11/99     | GW06333TE | POTASSIUM  | 7230   | UG/L  | B        | 7       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 1786     | 5/11/99     | GW06333TE | SELENIUM   | 243    | UG/L  | U        | 1.2     | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 1786     | 5/11/99     | GW06333TE | SILVER     | 0.35   | UG/L  | U        | 0.35    | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 1786     | 5/11/99     | GW06333TE | SODIUM     | 218000 | UG/L  |          | 21.9    | 5    | V1    | TR1         | Plume Extent   | REAL    |
| 1786     | 5/11/99     | GW06333TE | STRONTIUM  | 4960   | UG/L  |          | 0.02    | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 1786     | 5/11/99     | GW06333TE | THALLIUM   | 0.88   | UG/L  | U        | 0.88    | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 1786     | 5/11/99     | GW06333TE | TIN        | 0.68   | UG/L  | U        | 0.68    | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 1786     | 5/11/99     | GW06333TE | VANADIUM   | 0.47   | UG/L  | B        | 0.2     | 1    | J1    | TR1         | Plume Extent   | REAL    |
| 1786     | 5/11/99     | GW06333TE | ZINC       | 2.9    | UG/L  | B        | 0.12    | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 1986     | 6/7/99      | GW06334TE | ALUMINUM   | 99.2   | UG/L  |          | 5       | 1    | V     | TR1         | Plume Extent   | REAL    |
| 1986     | 6/7/99      | GW06334TE | ANTIMONY   | 1.1    | UG/L  | B        | 0.48    | 1    | UJ    | TR1         | Plume Extent   | REAL    |
| 1986     | 6/7/99      | GW06334TE | ARSENIC    | 8.1    | UG/L  |          | 0.58    | 1    | V     | TR1         | Plume Extent   | REAL    |
| 1986     | 6/7/99      | GW06334TE | BARIUM     | 291    | UG/L  | B        | 0.05    | 1    | V     | TR1         | Plume Extent   | REAL    |
| 1986     | 6/7/99      | GW06334TE | BERYLLIUM  | 0.05   | UG/L  |          | 0.02    | 1    | J     | TR1         | Plume Extent   | REAL    |
| 1986     | 6/7/99      | GW06334TE | CADMIUM    | 0.32   | UG/L  | B        | 0.08    | 1    | J     | TR1         | Plume Extent   | REAL    |
| 1986     | 6/7/99      | GW06334TE | CALCIUM    | 193000 | UG/L  |          | 20.5    | 5    | V     | TR1         | Plume Extent   | REAL    |
| 1986     | 6/7/99      | GW06334TE | CHROMIUM   | 2.7    | UG/L  |          | 0.15    | 1    | J     | TR1         | Plume Extent   | REAL    |
| 1986     | 6/7/99      | GW06334TE | COBALT     | 3.6    | UG/L  | B        | 0.18    | 1    | UJ    | TR1         | Plume Extent   | REAL    |
| 1986     | 6/7/99      | GW06334TE | COPPER     | 1.2    | UG/L  | B        | 0.25    | 1    | UJ    | TR1         | Plume Extent   | REAL    |
| 1986     | 6/7/99      | GW06334TE | IRON       | 22400  | UG/L  |          | 4.8     | 1    | V     | TR1         | Plume Extent   | REAL    |
| 1986     | 6/7/99      | GW06334TE | LEAD       | 1.1    | UG/L  | B        | 0.72    | 1    | J     | TR1         | Plume Extent   | REAL    |
| 1986     | 6/7/99      | GW06334TE | LITHIUM    | 30.2   | UG/L  | B        | 0.05    | 1    | J     | TR1         | Plume Extent   | REAL    |
| 1986     | 6/7/99      | GW06334TE | MAGNESIUM  | 57800  | UG/L  |          | 0.7     | 1    | V     | TR1         | Plume Extent   | REAL    |
| 1986     | 6/7/99      | GW06334TE | MANGANESE  | 3690   | UG/L  |          | 0.05    | 1    | V     | TR1         | Plume Extent   | REAL    |
| 1986     | 6/7/99      | GW06334TE | MERCURY    | 0.1    | UG/L  | U        | 0.1     | 1    | V     | TR1         | Plume Extent   | REAL    |
| 1986     | 6/7/99      | GW06334TE | MOLYBDENUM | 2.1    | UG/L  | B        | 0.3     | 1    | J     | TR1         | Plume Extent   | REAL    |
| 1986     | 6/7/99      | GW06334TE | NICKEL     | 8.6    | UG/L  | B        | 0.3     | 1    | J     | TR1         | Plume Extent   | REAL    |
| 1986     | 6/7/99      | GW06334TE | POTASSIUM  | 3760   | UG/L  | B        | 7       | 1    | J     | TR1         | Plume Extent   | REAL    |
| 1986     | 6/7/99      | GW06334TE | SELENIUM   | 1.2    | UG/L  | U        | 1.2     | 1    | V     | TR1         | Plume Extent   | REAL    |
| 1986     | 6/7/99      | GW06334TE | SILVER     | 0.35   | UG/L  | U        | 0.35    | 1    | V     | TR1         | Plume Extent   | REAL    |
| 1986     | 6/7/99      | GW06334TE | SODIUM     | 268000 | UG/L  |          | 21.9    | 5    | V     | TR1         | Plume Extent   | REAL    |
| 1986     | 6/7/99      | GW06334TE | STRONTIUM  | 1380   | UG/L  |          | 0.02    | 1    | V     | TR1         | Plume Extent   | REAL    |
| 1986     | 6/7/99      | GW06334TE | THALLIUM   | 0.88   | UG/L  | U        | 0.88    | 1    | V     | TR1         | Plume Extent   | REAL    |
| 1986     | 6/7/99      | GW06334TE | TIN        | 0.68   | UG/L  | U        | 0.68    | 1    | J     | TR1         | Plume Extent   | REAL    |
| 1986     | 6/7/99      | GW06334TE | VANADIUM   | 0.54   | UG/L  | B        | 0.2     | 1    | UJ    | TR1         | Plume Extent   | REAL    |
| 1986     | 6/7/99      | GW06334TE | ZINC       | 15     | UG/L  | B        | 0.12    | 1    | UJ    | TR1         | Plume Extent   | REAL    |
| 2186     | 6/9/99      | GW06335TE | ALUMINUM   | 18.8   | UG/L  |          | 5       | 1    | J     | TR1         | Plume Extent   | REAL    |
| 2186     | 6/9/99      | GW06335TE | ANTIMONY   | 0.82   | UG/L  | B        | 0.48    | 1    | UJ    | TR1         | Plume Extent   | REAL    |
| 2186     | 6/9/99      | GW06335TE | ARSENIC    | 0.58   | UG/L  | U        | 0.58    | 1    | V     | TR1         | Plume Extent   | REAL    |
| 2186     | 6/9/99      | GW06335TE | BARIUM     | 134    | UG/L  |          | 0.05    | 1    | V     | TR1         | Plume Extent   | REAL    |
| 2186     | 6/9/99      | GW06335TE | BERYLLIUM  | 0.02   | UG/L  | U        | 0.02    | 1    | J     | TR1         | Plume Extent   | REAL    |
| 2186     | 6/9/99      | GW06335TE | CADMIUM    | 0.22   | UG/L  | B        | 0.08    | 1    | V     | TR1         | Plume Extent   | REAL    |
| 2186     | 6/9/99      | GW06335TE | CALCIUM    | 44100  | UG/L  |          | 4.1     | 1    | V     | TR1         | Plume Extent   | REAL    |
| 2186     | 6/9/99      | GW06335TE | CHROMIUM   | 2.9    | UG/L  |          | 0.15    | 1    | V     | TR1         | Plume Extent   | REAL    |
| 2186     | 6/9/99      | GW06335TE | COBALT     | 0.26   | UG/L  | B        | 0.18    | 1    | UJ    | TR1         | Plume Extent   | REAL    |
| 2186     | 6/9/99      | GW06335TE | COPPER     | 1.4    | UG/L  | B        | 0.25    | 1    | UJ    | TR1         | Plume Extent   | REAL    |
| 2186     | 6/9/99      | GW06335TE | IRON       | 46.9   | UG/L  | B        | 4.8     | 1    | UJ    | TR1         | Plume Extent   | REAL    |
| 2186     | 6/9/99      | GW06335TE | LEAD       | 0.72   | UG/L  | U        | 0.72    | 1    | V     | TR1         | Plume Extent   | REAL    |
| 2186     | 6/9/99      | GW06335TE | LITHIUM    | 21.6   | UG/L  | B        | 0.05    | 1    | J     | TR1         | Plume Extent   | REAL    |
| 2186     | 6/9/99      | GW06335TE | MAGNESIUM  | 10200  | UG/L  |          | 0.7     | 1    | V     | TR1         | Plume Extent   | REAL    |
| 2186     | 6/9/99      | GW06335TE | MANGANESE  | 45.2   | UG/L  |          | 0.05    | 1    | V     | TR1         | Plume Extent   | REAL    |
| 2186     | 6/9/99      | GW06335TE | MERCURY    | 0.1    | UG/L  | U        | 0.1     | 1    | V     | TR1         | Plume Extent   | REAL    |
| 2186     | 6/9/99      | GW06335TE | MOLYBDENUM | 3.5    | UG/L  | B        | 0.3     | 1    | V     | TR1         | Plume Extent   | REAL    |
| 2186     | 6/9/99      | GW06335TE | NICKEL     | 3.6    | UG/L  | B        | 0.3     | 1    | J     | TR1         | Plume Extent   | REAL    |
| 2186     | 6/9/99      | GW06335TE | POTASSIUM  | 1930   | UG/L  | B        | 7       | 1    | J     | TR1         | Plume Extent   | REAL    |
| 2186     | 6/9/99      | GW06335TE | SELENIUM   | 1.2    | UG/L  | U        | 1.2     | 1    | V     | TR1         | Plume Extent   | REAL    |
| 2186     | 6/9/99      | GW06335TE | SILVER     | 0.35   | UG/L  | U        | 0.35    | 1    | V     | TR1         | Plume Extent   | REAL    |
| 2186     | 6/9/99      | GW06335TE | SODIUM     | 27700  | UG/L  |          | 4.4     | 1    | V     | TR1         | Plume Extent   | REAL    |
| 2186     | 6/9/99      | GW06335TE | STRONTIUM  | 343    | UG/L  | B        | 0.02    | 1    | V     | TR1         | Plume Extent   | REAL    |
| 2186     | 6/9/99      | GW06335TE | THALLIUM   | 0.88   | UG/L  | U        | 0.88    | 1    | V     | TR1         | Plume Extent   | REAL    |
| 2186     | 6/9/99      | GW06335TE | TIN        | 0.68   | UG/L  | U        | 0.68    | 1    | V     | TR1         | Plume Extent   | REAL    |
| 2186     | 6/9/99      | GW06335TE | VANADIUM   | 0.33   | UG/L  | B        | 0.2     | 1    | UJ    | TR1         | Plume Extent   | REAL    |

## Appendix A: Groundwater Analytical Data - Metals

Second Quarter 1999

| Location | Sample Date | Sample #  | Analyte    | Result | Units | Lab Qual | Det Lim | Dilu | Valid | Result Type | IMP Well Class   | QC Type |
|----------|-------------|-----------|------------|--------|-------|----------|---------|------|-------|-------------|------------------|---------|
| 2186     | 6/9/99      | GW06335TE | ZINC       | 7.1    | UG/L  | B        | 0.12    | 1    | UJ    | TR1         | Plume Extent     | REAL    |
| 22796    | 6/9/99      | GW06375TE | ALUMINUM   | 58.1   | UG/L  |          | 5       | 1    | V     | TR1         | Plume Extent     | REAL    |
| 22796    | 6/9/99      | GW06375TE | ANTIMONY   | 0.48   | UG/L  | U        | 0.48    | 1    | V     | TR1         | Plume Extent     | REAL    |
| 22796    | 6/9/99      | GW06375TE | ARSENIC    | 0.71   | UG/L  | B        | 0.58    | 1    | V     | TR1         | Plume Extent     | REAL    |
| 22796    | 6/9/99      | GW06375TE | BARIUM     | 258    | UG/L  |          | 0.05    | 1    | V     | TR1         | Plume Extent     | REAL    |
| 22796    | 6/9/99      | GW06375TE | BERYLLIUM  | 0.06   | UG/L  | B        | 0.02    | 1    | J     | TR1         | Plume Extent     | REAL    |
| 22796    | 6/9/99      | GW06375TE | CADMUM     | 0.26   | UG/L  | B        | 0.08    | 1    | J     | TR1         | Plume Extent     | REAL    |
| 22796    | 6/9/99      | GW06375TE | CALCIUM    | 280000 | UG/L  |          | 20.5    | 5    | V     | TR1         | Plume Extent     | REAL    |
| 22796    | 6/9/99      | GW06375TE | CHROMIUM   | 69     | UG/L  |          | 0.15    | 1    | V     | TR1         | Plume Extent     | REAL    |
| 22796    | 6/9/99      | GW06375TE | COBALT     | 0.72   | UG/L  | B        | 0.18    | 1    | UJ    | TR1         | Plume Extent     | REAL    |
| 22796    | 6/9/99      | GW06375TE | COPPER     | 16.1   | UG/L  |          | 0.25    | 1    | V     | TR1         | Plume Extent     | REAL    |
| 22796    | 6/9/99      | GW06375TE | IRON       | 350    | UG/L  |          | 4.8     | 1    | V     | TR1         | Plume Extent     | REAL    |
| 22796    | 6/9/99      | GW06375TE | LEAD       | 0.76   | UG/L  | B        | 0.72    | 1    | J     | TR1         | Plume Extent     | REAL    |
| 22796    | 6/9/99      | GW06375TE | LITHIUM    | 27.8   | UG/L  | B        | 0.05    | 1    | J     | TR1         | Plume Extent     | REAL    |
| 22796    | 6/9/99      | GW06375TE | MAGNESIUM  | 79100  | UG/L  |          | 0.7     | 1    | V     | TR1         | Plume Extent     | REAL    |
| 22796    | 6/9/99      | GW06375TE | MANGANESE  | 575    | UG/L  |          | 0.05    | 1    | V     | TR1         | Plume Extent     | REAL    |
| 22796    | 6/9/99      | GW06375TE | MERCURY    | 0.1    | UG/L  | U        | 0.1     | 1    | V     | TR1         | Plume Extent     | REAL    |
| 22796    | 6/9/99      | GW06375TE | MOLYBDENUM | 7.2    | UG/L  | B        | 0.3     | 1    | J     | TR1         | Plume Extent     | REAL    |
| 22796    | 6/9/99      | GW06375TE | NICKEL     | 32     | UG/L  |          | 0.3     | 1    | J     | TR1         | Plume Extent     | REAL    |
| 22796    | 6/9/99      | GW06375TE | POTASSIUM  | 1500   | UG/L  | B        | 7       | 1    | J     | TR1         | Plume Extent     | REAL    |
| 22796    | 6/9/99      | GW06375TE | SELENIUM   | 1.2    | UG/L  | U        | 1.2     | 1    | V     | TR1         | Plume Extent     | REAL    |
| 22796    | 6/9/99      | GW06375TE | SILVER     | 0.43   | UG/L  | B        | 0.35    | 1    | V     | TR1         | Plume Extent     | REAL    |
| 22796    | 6/9/99      | GW06375TE | SODIUM     | 361000 | UG/L  |          | 21.9    | 5    | V     | TR1         | Plume Extent     | REAL    |
| 22796    | 6/9/99      | GW06375TE | STRONTIUM  | 1970   | UG/L  |          | 0.02    | 1    | V     | TR1         | Plume Extent     | REAL    |
| 22796    | 6/9/99      | GW06375TE | THALLIUM   | 1.2    | UG/L  | B        | 0.88    | 1    | J     | TR1         | Plume Extent     | REAL    |
| 22796    | 6/9/99      | GW06375TE | TIN        | 0.68   | UG/L  | U        | 0.68    | 1    | J     | TR1         | Plume Extent     | REAL    |
| 22796    | 6/9/99      | GW06375TE | VANADIUM   | 0.22   | UG/L  | B        | 0.2     | 1    | UJ    | TR1         | Plume Extent     | REAL    |
| 22796    | 6/9/99      | GW06375TE | ZINC       | 8.9    | UG/L  | B        | 0.12    | 1    | UJ    | TR1         | Plume Extent     | REAL    |
| 23296    | 4/28/99     | GW06416TE | ALUMINUM   | 19.6   | UG/L  |          | 5       | 1    |       | TR1         | Plume Extent     | REAL    |
| 23296    | 4/28/99     | GW06416TE | ANTIMONY   | 0.48   | UG/L  | U        | 0.48    | 1    |       | TR1         | Plume Extent     | REAL    |
| 23296    | 4/28/99     | GW06416TE | ARSENIC    | 0.58   | UG/L  | U        | 0.58    | 1    |       | TR1         | Plume Extent     | REAL    |
| 23296    | 4/28/99     | GW06416TE | BARIUM     | 92.8   | UG/L  | B        | 0.05    | 1    |       | TR1         | Plume Extent     | REAL    |
| 23296    | 4/28/99     | GW06416TE | BERYLLIUM  | 0.02   | UG/L  | U        | 0.02    | 1    |       | TR1         | Plume Extent     | REAL    |
| 23296    | 4/28/99     | GW06416TE | CADMUM     | 0.08   | UG/L  | B        | 0.08    | 1    |       | TR1         | Plume Extent     | REAL    |
| 23296    | 4/28/99     | GW06416TE | CALCIUM    | 135000 | UG/L  |          | 14.6    | 5    |       | TR1         | Plume Extent     | REAL    |
| 23296    | 4/28/99     | GW06416TE | CHROMIUM   | 2.3    | UG/L  |          | 0.15    | 1    |       | TR1         | Plume Extent     | REAL    |
| 23296    | 4/28/99     | GW06416TE | COBALT     | 0.18   | UG/L  | U        | 0.18    | 1    |       | TR1         | Plume Extent     | REAL    |
| 23296    | 4/28/99     | GW06416TE | COPPER     | 2.4    | UG/L  | B        | 0.25    | 1    |       | TR1         | Plume Extent     | REAL    |
| 23296    | 4/28/99     | GW06416TE | IRON       | 23.5   | UG/L  | B        | 4.8     | 1    |       | TR1         | Plume Extent     | REAL    |
| 23296    | 4/28/99     | GW06416TE | LEAD       | 0.72   | UG/L  | U        | 0.72    | 1    |       | TR1         | Plume Extent     | REAL    |
| 23296    | 4/28/99     | GW06416TE | LITHIUM    | 33.8   | UG/L  | B        | 0.05    | 1    |       | TR1         | Plume Extent     | REAL    |
| 23296    | 4/28/99     | GW06416TE | MAGNESIUM  | 28900  | UG/L  |          | 34.8    | 1    |       | TR1         | Plume Extent     | REAL    |
| 23296    | 4/28/99     | GW06416TE | MANGANESE  | 11.6   | UG/L  | B        | 0.05    | 1    |       | TR1         | Plume Extent     | REAL    |
| 23296    | 4/28/99     | GW06416TE | MERCURY    | 0.1    | UG/L  | U        | 0.1     | 1    |       | TR1         | Plume Extent     | REAL    |
| 23296    | 4/28/99     | GW06416TE | MOLYBDENUM | 1.4    | UG/L  | B        | 0.3     | 1    |       | TR1         | Plume Extent     | REAL    |
| 23296    | 4/28/99     | GW06416TE | NICKEL     | 1.9    | UG/L  | B        | 0.3     | 1    |       | TR1         | Plume Extent     | REAL    |
| 23296    | 4/28/99     | GW06416TE | POTASSIUM  | 1430   | UG/L  | B        | 7       | 1    |       | TR1         | Plume Extent     | REAL    |
| 23296    | 4/28/99     | GW06416TE | SELENIUM   | 3      | UG/L  | B        | 1.2     | 1    |       | TR1         | Plume Extent     | REAL    |
| 23296    | 4/28/99     | GW06416TE | SILVER     | 0.35   | UG/L  | U        | 0.35    | 1    |       | TR1         | Plume Extent     | REAL    |
| 23296    | 4/28/99     | GW06416TE | SODIUM     | 48400  | UG/L  |          | 21.9    | 5    |       | TR1         | Plume Extent     | REAL    |
| 23296    | 4/28/99     | GW06416TE | STRONTIUM  | 832    | UG/L  |          | 0.02    | 1    |       | TR1         | Plume Extent     | REAL    |
| 23296    | 4/28/99     | GW06416TE | THALLIUM   | 0.88   | UG/L  | U        | 0.88    | 1    |       | TR1         | Plume Extent     | REAL    |
| 23296    | 4/28/99     | GW06416TE | TIN        | 0.68   | UG/L  | U        | 0.68    | 1    |       | TR1         | Plume Extent     | REAL    |
| 23296    | 4/28/99     | GW06416TE | VANADIUM   | 1.6    | UG/L  | B        | 0.2     | 1    |       | TR1         | Plume Extent     | REAL    |
| 23296    | 4/28/99     | GW06416TE | ZINC       | 6      | UG/L  | B        | 0.12    | 1    |       | TR1         | Plume Extent     | REAL    |
| 2987     | 5/13/99     | GW06336TE | ALUMINUM   | 3260   | UG/L  | B        | 5       | 1    | V1    | TR1         | Plume Definition | REAL    |
| 2987     | 5/13/99     | GW06336TE | ANTIMONY   | 8.5    | UG/L  |          | 0.48    | 1    | V1    | TR1         | Plume Definition | REAL    |
| 2987     | 5/13/99     | GW06336TE | ARSENIC    | 1.7    | UG/L  | B        | 0.58    | 1    | UJ1   | TR1         | Plume Definition | REAL    |
| 2987     | 5/13/99     | GW06336TE | BARIUM     | 61.8   | UG/L  | B        | 0.05    | 1    | V1    | TR1         | Plume Definition | REAL    |
| 2987     | 5/13/99     | GW06336TE | BERYLLIUM  | 0.02   | UG/L  | U        | 0.02    | 1    | J1    | TR1         | Plume Definition | REAL    |
| 2987     | 5/13/99     | GW06336TE | CADMUM     | 0.2    | UG/L  | B        | 0.08    | 1    | J1    | TR1         | Plume Definition | REAL    |
| 2987     | 5/13/99     | GW06336TE | CALCIUM    | 244000 | UG/L  |          | 14.6    | 5    | V1    | TR1         | Plume Definition | REAL    |
| 2987     | 5/13/99     | GW06336TE | CHROMIUM   | 5020   | UG/L  |          | 0.15    | 1    | V1    | TR1         | Plume Definition | REAL    |
| 2987     | 5/13/99     | GW06336TE | COBALT     | 23     | UG/L  | B        | 0.18    | 1    | V1    | TR1         | Plume Definition | REAL    |

## Appendix A: Groundwater Analytical Data - Metals

Second Quarter 1999

| Location | Sample Date | Sample #  | Analyte    | Result | Units | Lab Qual | Det Lim | Dilu | Valid | Result Type | IMP Well Class   | QC Type |
|----------|-------------|-----------|------------|--------|-------|----------|---------|------|-------|-------------|------------------|---------|
| 2987     | 5/13/99     | GW06336TE | COPPER     | 127    | UG/L  | B        | 0.25    | 1    | V1    | TR1         | Plume Definition | REAL    |
| 2987     | 5/13/99     | GW06336TE | IRON       | 16800  | UG/L  |          | 4.8     | 1    | V1    | TR1         | Plume Definition | REAL    |
| 2987     | 5/13/99     | GW06336TE | LEAD       | 0.72   | UG/L  | U        | 0.72    | 1    | V1    | TR1         | Plume Definition | REAL    |
| 2987     | 5/13/99     | GW06336TE | LITHIUM    | 189    | UG/L  |          | 0.05    | 1    | V1    | TR1         | Plume Definition | REAL    |
| 2987     | 5/13/99     | GW06336TE | MAGNESIUM  | 92000  | UG/L  |          | 34.8    | 5    | V1    | TR1         | Plume Definition | REAL    |
| 2987     | 5/13/99     | GW06336TE | MANGANESE  | 414    | UG/L  |          | 0.05    | 1    | V1    | TR1         | Plume Definition | REAL    |
| 2987     | 5/13/99     | GW06336TE | MERCURY    | 0.1    | UG/L  | U        | 0.1     | 1    | V1    | TR1         | Plume Definition | REAL    |
| 2987     | 5/13/99     | GW06336TE | MOLYBDENUM | 334    | UG/L  | B        | 0.3     | 1    | V1    | TR1         | Plume Definition | REAL    |
| 2987     | 5/13/99     | GW06336TE | NICKEL     | 1760   | UG/L  |          | 0.3     | 1    | V1    | TR1         | Plume Definition | REAL    |
| 2987     | 5/13/99     | GW06336TE | POTASSIUM  | 4290   | UG/L  | B        | 7       | 1    | V1    | TR1         | Plume Definition | REAL    |
| 2987     | 5/13/99     | GW06336TE | SELENIUM   | 306    | UG/L  | U        | 1.2     | 1    | V1    | TR1         | Plume Definition | REAL    |
| 2987     | 5/13/99     | GW06336TE | SILVER     | 0.35   | UG/L  | U        | 0.35    | 1    | V1    | TR1         | Plume Definition | REAL    |
| 2987     | 5/13/99     | GW06336TE | SODIUM     | 250000 | UG/L  |          | 21.9    | 5    | V1    | TR1         | Plume Definition | REAL    |
| 2987     | 5/13/99     | GW06336TE | STRONTIUM  | 3090   | UG/L  |          | 0.02    | 1    | V1    | TR1         | Plume Definition | REAL    |
| 2987     | 5/13/99     | GW06336TE | THALLIUM   | 0.88   | UG/L  | U        | 0.88    | 1    | V1    | TR1         | Plume Definition | REAL    |
| 2987     | 5/13/99     | GW06336TE | TIN        | 0.68   | UG/L  | U        | 0.68    | 1    | V1    | TR1         | Plume Definition | REAL    |
| 2987     | 5/13/99     | GW06336TE | VANADIUM   | 30.6   | UG/L  | B        | 0.2     | 1    | V1    | TR1         | Plume Definition | REAL    |
| 2987     | 5/13/99     | GW06336TE | ZINC       | 41.1   | UG/L  | B        | 0.12    | 1    | V1    | TR1         | Plume Definition | REAL    |
| 3087     | 4/20/99     | GW06337TE | ALUMINUM   | 19.5   | UG/L  |          | 6.9     | 1    | UJ    | TR1         | Plume Definition | REAL    |
| 3087     | 4/20/99     | GW06337TE | ANTIMONY   | 0.62   | UG/L  | B        | 0.48    | 1    | UJ    | TR1         | Plume Definition | REAL    |
| 3087     | 4/20/99     | GW06337TE | ARSENIC    | 1.8    | UG/L  | B        | 0.58    | 1    | V     | TR1         | Plume Definition | REAL    |
| 3087     | 4/20/99     | GW06337TE | BARIUM     | 122    | UG/L  |          | 0.05    | 1    | V     | TR1         | Plume Definition | REAL    |
| 3087     | 4/20/99     | GW06337TE | BERYLLIUM  | 0.07   | UG/L  | B        | 0.02    | 1    | UJ    | TR1         | Plume Definition | REAL    |
| 3087     | 4/20/99     | GW06337TE | CADMUM     | 0.08   | UG/L  | U        | 0.08    | 1    | V     | TR1         | Plume Definition | REAL    |
| 3087     | 4/20/99     | GW06337TE | CALCIUM    | 20600  | UG/L  |          | 4.1     | 1    | V     | TR1         | Plume Definition | REAL    |
| 3087     | 4/20/99     | GW06337TE | CHROMIUM   | 0.3    | UG/L  | B        | 0.15    | 1    | UJ    | TR1         | Plume Definition | REAL    |
| 3087     | 4/20/99     | GW06337TE | COBALT     | 0.18   | UG/L  | U        | 0.18    | 1    | V     | TR1         | Plume Definition | REAL    |
| 3087     | 4/20/99     | GW06337TE | COPPER     | 1.1    | UG/L  | B        | 0.25    | 1    | UJ    | TR1         | Plume Definition | REAL    |
| 3087     | 4/20/99     | GW06337TE | IRON       | 26.6   | UG/L  | B        | 4.8     | 1    | UJ    | TR1         | Plume Definition | REAL    |
| 3087     | 4/20/99     | GW06337TE | LEAD       | 0.72   | UG/L  | U        | 0.72    | 1    | V     | TR1         | Plume Definition | REAL    |
| 3087     | 4/20/99     | GW06337TE | LITHIUM    | 49.2   | UG/L  | B        | 0.05    | 1    | J     | TR1         | Plume Definition | REAL    |
| 3087     | 4/20/99     | GW06337TE | MAGNESIUM  | 3980   | UG/L  | B        | 0.7     | 1    | V     | TR1         | Plume Definition | REAL    |
| 3087     | 4/20/99     | GW06337TE | MANGANESE  | 21.8   | UG/L  |          | 0.05    | 1    | V     | TR1         | Plume Definition | REAL    |
| 3087     | 4/20/99     | GW06337TE | MERCURY    | 0.1    | UG/L  | U        | 0.1     | 1    | V     | TR1         | Plume Definition | REAL    |
| 3087     | 4/20/99     | GW06337TE | MOLYBDENUM | 1.7    | UG/L  | B        | 0.3     | 1    | V     | TR1         | Plume Definition | REAL    |
| 3087     | 4/20/99     | GW06337TE | NICKEL     | 6.6    | UG/L  | B        | 0.3     | 1    | V     | TR1         | Plume Definition | REAL    |
| 3087     | 4/20/99     | GW06337TE | POTASSIUM  | 3730   | UG/L  | B        | 7       | 1    | J     | TR1         | Plume Definition | REAL    |
| 3087     | 4/20/99     | GW06337TE | SELENIUM   | 1.2    | UG/L  | U        | 1.2     | 1    | V     | TR1         | Plume Definition | REAL    |
| 3087     | 4/20/99     | GW06337TE | SILVER     | 0.35   | UG/L  | U        | 0.35    | 1    | V     | TR1         | Plume Definition | REAL    |
| 3087     | 4/20/99     | GW06337TE | SODIUM     | 136000 | UG/L  |          | 21.9    | 5    | V     | TR1         | Plume Definition | REAL    |
| 3087     | 4/20/99     | GW06337TE | STRONTIUM  | 311    | UG/L  |          | 0.02    | 1    | V     | TR1         | Plume Definition | REAL    |
| 3087     | 4/20/99     | GW06337TE | THALLIUM   | 0.88   | UG/L  | U        | 0.88    | 1    | V     | TR1         | Plume Definition | REAL    |
| 3087     | 4/20/99     | GW06337TE | TIN        | 0.68   | UG/L  | U        | 0.68    | 1    | V     | TR1         | Plume Definition | REAL    |
| 3087     | 4/20/99     | GW06337TE | VANADIUM   | 0.59   | UG/L  | B        | 0.2     | 1    | V     | TR1         | Plume Definition | REAL    |
| 3087     | 4/20/99     | GW06337TE | ZINC       | 6.2    | UG/L  | B        | 0.12    | 1    | V     | TR1         | Plume Definition | REAL    |
| 3386     | 5/4/99      | GW06338TE | ALUMINUM   | 19.2   | UG/L  |          | 5       | 1    | J     | TR1         | Plume Extent     | REAL    |
| 3386     | 5/4/99      | GW06338TE | ANTIMONY   | 1.7    | UG/L  | B        | 0.48    | 1    | UJ    | TR1         | Plume Extent     | REAL    |
| 3386     | 5/4/99      | GW06338TE | ARSENIC    | 0.62   | UG/L  | B        | 0.58    | 1    | V     | TR1         | Plume Extent     | REAL    |
| 3386     | 5/4/99      | GW06338TE | BARIUM     | 56.2   | UG/L  | B        | 0.05    | 1    | V     | TR1         | Plume Extent     | REAL    |
| 3386     | 5/4/99      | GW06338TE | BERYLLIUM  | 0.02   | UG/L  | U        | 0.02    | 1    | J     | TR1         | Plume Extent     | REAL    |
| 3386     | 5/4/99      | GW06338TE | CADMUM     | 0.48   | UG/L  | B        | 0.08    | 1    | UJ    | TR1         | Plume Extent     | REAL    |
| 3386     | 5/4/99      | GW06338TE | CALCIUM    | 43700  | UG/L  |          | 4.1     | 1    | V     | TR1         | Plume Extent     | REAL    |
| 3386     | 5/4/99      | GW06338TE | CHROMIUM   | 15.8   | UG/L  |          | 0.15    | 1    | V     | TR1         | Plume Extent     | REAL    |
| 3386     | 5/4/99      | GW06338TE | COBALT     | 0.51   | UG/L  | B        | 0.18    | 1    | UJ    | TR1         | Plume Extent     | REAL    |
| 3386     | 5/4/99      | GW06338TE | COPPER     | 13.3   | UG/L  |          | 0.25    | 1    | V     | TR1         | Plume Extent     | REAL    |
| 3386     | 5/4/99      | GW06338TE | IRON       | 36.1   | UG/L  | B        | 4.8     | 1    | V     | TR1         | Plume Extent     | REAL    |
| 3386     | 5/4/99      | GW06338TE | LEAD       | 0.72   | UG/L  | U        | 0.72    | 1    | J     | TR1         | Plume Extent     | REAL    |
| 3386     | 5/4/99      | GW06338TE | LITHIUM    | 12.7   | UG/L  | B        | 0.05    | 1    | V     | TR1         | Plume Extent     | REAL    |
| 3386     | 5/4/99      | GW06338TE | MAGNESIUM  | 11500  | UG/L  |          | 0.7     | 1    | V     | TR1         | Plume Extent     | REAL    |
| 3386     | 5/4/99      | GW06338TE | MANGANESE  | 1.9    | UG/L  | B        | 0.05    | 1    | V     | TR1         | Plume Extent     | REAL    |
| 3386     | 5/4/99      | GW06338TE | MERCURY    | 0.1    | UG/L  | U        | 0.1     | 1    | V     | TR1         | Plume Extent     | REAL    |
| 3386     | 5/4/99      | GW06338TE | MOLYBDENUM | 9.5    | UG/L  | B        | 0.3     | 1    | V     | TR1         | Plume Extent     | REAL    |
| 3386     | 5/4/99      | GW06338TE | NICKEL     | 14     | UG/L  | B        | 0.3     | 1    | V     | TR1         | Plume Extent     | REAL    |
| 3386     | 5/4/99      | GW06338TE | POTASSIUM  | 4430   | UG/L  | B        | 7       | 1    | J     | TR1         | Plume Extent     | REAL    |

## Appendix A: Groundwater Analytical Data - Metals

Second Quarter 1999

| Location | Sample Date | Sample #  | Analyte    | Result | Units | Lab Qual | Det Lim | Dilu | Valid | Result Type | IMP Well Class | QC Type |
|----------|-------------|-----------|------------|--------|-------|----------|---------|------|-------|-------------|----------------|---------|
| 3386     | 5/4/99      | GW06338TE | SELENIUM   | 4.1    | UG/L  |          | 1.2     | 1    | J     | TR1         | Plume Extent   | REAL    |
| 3386     | 5/4/99      | GW06338TE | SILVER     | 0.35   | UG/L  | U        | 0.35    | 1    | V     | TR1         | Plume Extent   | REAL    |
| 3386     | 5/4/99      | GW06338TE | SODIUM     | 28400  | UG/L  | B        | 20.5    | 20   | V     | TR1         | Plume Extent   | REAL    |
| 3386     | 5/4/99      | GW06338TE | STRONTIUM  | 408    | UG/L  |          | 0.02    | 1    | V     | TR1         | Plume Extent   | REAL    |
| 3386     | 5/4/99      | GW06338TE | THALLIUM   | 0.88   | UG/L  | U        | 0.88    | 1    | V     | TR1         | Plume Extent   | REAL    |
| 3386     | 5/4/99      | GW06338TE | TIN        | 0.68   | UG/L  | U        | 0.68    | 1    | V     | TR1         | Plume Extent   | REAL    |
| 3386     | 5/4/99      | GW06338TE | VANADIUM   | 0.66   | UG/L  | B        | 0.2     | 1    | UJ    | TR1         | Plume Extent   | REAL    |
| 3386     | 5/4/99      | GW06338TE | ZINC       | 8.4    | UG/L  | B        | 0.12    | 1    | V     | TR1         | Plume Extent   | REAL    |
| 3586     | 4/28/99     | GW06388TE | ALUMINUM   | 6.9    | UG/L  | U        | 6.9     | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 3586     | 4/28/99     | GW06388TE | ANTIMONY   | 0.48   | UG/L  | U        | 0.48    | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 3586     | 4/28/99     | GW06388TE | ARSENIC    | 1.8    | UG/L  | B        | 0.58    | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 3586     | 4/28/99     | GW06388TE | BARIUM     | 85.9   | UG/L  | B        | 0.05    | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 3586     | 4/28/99     | GW06388TE | BERYLLIUM  | 0.02   | UG/L  | U        | 0.02    | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 3586     | 4/28/99     | GW06388TE | CADMUM     | 0.08   | UG/L  | U        | 0.08    | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 3586     | 4/28/99     | GW06388TE | CALCIUM    | 113000 | UG/L  |          | 4.1     | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 3586     | 4/28/99     | GW06388TE | CHROMIUM   | 0.25   | UG/L  | B        | 0.15    | 1    | UJ1   | TR1         | Plume Extent   | REAL    |
| 3586     | 4/28/99     | GW06388TE | COBALT     | 2.8    | UG/L  | B        | 0.18    | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 3586     | 4/28/99     | GW06388TE | COPPER     | 3.5    | UG/L  |          | 0.25    | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 3586     | 4/28/99     | GW06388TE | IRON       | 12.6   | UG/L  | B        | 4.8     | 1    | UJ1   | TR1         | Plume Extent   | REAL    |
| 3586     | 4/28/99     | GW06388TE | LEAD       | 0.72   | UG/L  | U        | 0.72    | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 3586     | 4/28/99     | GW06388TE | LITHIUM    | 24.8   | UG/L  | B        | 0.05    | 1    | J1    | TR1         | Plume Extent   | REAL    |
| 3586     | 4/28/99     | GW06388TE | MAGNESIUM  | 28300  | UG/L  |          | 0.7     | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 3586     | 4/28/99     | GW06388TE | MANGANESE  | 1250   | UG/L  |          | 0.05    | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 3586     | 4/28/99     | GW06388TE | MERCURY    | 0.1    | UG/L  | U        | 0.1     | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 3586     | 4/28/99     | GW06388TE | MOLYBDENUM | 1.5    | UG/L  | B        | 0.3     | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 3586     | 4/28/99     | GW06388TE | NICKEL     | 7.4    | UG/L  | B        | 0.3     | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 3586     | 4/28/99     | GW06388TE | POTASSIUM  | 8570   | UG/L  |          | 7       | 1    | J1    | TR1         | Plume Extent   | REAL    |
| 3586     | 4/28/99     | GW06388TE | SELENIUM   | 6      | UG/L  |          | 1.2     | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 3586     | 4/28/99     | GW06388TE | SILVER     | 0.35   | UG/L  | U        | 0.35    | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 3586     | 4/28/99     | GW06388TE | SODIUM     | 116000 | UG/L  |          | 21.9    | 5    | V1    | TR1         | Plume Extent   | REAL    |
| 3586     | 4/28/99     | GW06388TE | STRONTIUM  | 823    | UG/L  |          | 0.02    | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 3586     | 4/28/99     | GW06388TE | THALLIUM   | 0.88   | UG/L  | U        | 0.88    | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 3586     | 4/28/99     | GW06388TE | TIN        | 0.68   | UG/L  | U        | 0.68    | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 3586     | 4/28/99     | GW06388TE | VANADIUM   | 0.44   | UG/L  | B        | 0.2     | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 3586     | 4/28/99     | GW06388TE | ZINC       | 4.4    | UG/L  | B        | 0.12    | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 3586     | 4/28/99     | GW06389TE | ALUMINUM   | 15.2   | UG/L  | B        | 6.9     | 1    | UJ1   | TR1         | Plume Extent   | DUP     |
| 3586     | 4/28/99     | GW06389TE | ANTIMONY   | 0.48   | UG/L  | U        | 0.48    | 1    | V1    | TR1         | Plume Extent   | DUP     |
| 3586     | 4/28/99     | GW06389TE | ARSENIC    | 1.1    | UG/L  | B        | 0.58    | 1    | V1    | TR1         | Plume Extent   | DUP     |
| 3586     | 4/28/99     | GW06389TE | BARIUM     | 87.2   | UG/L  | B        | 0.05    | 1    | V1    | TR1         | Plume Extent   | DUP     |
| 3586     | 4/28/99     | GW06389TE | BERYLLIUM  | 0.1    | UG/L  | B        | 0.02    | 1    | UJ1   | TR1         | Plume Extent   | DUP     |
| 3586     | 4/28/99     | GW06389TE | CADMUM     | 0.08   | UG/L  | B        | 0.08    | 1    | V1    | TR1         | Plume Extent   | DUP     |
| 3586     | 4/28/99     | GW06389TE | CALCIUM    | 114000 | UG/L  |          | 4.1     | 1    | V1    | TR1         | Plume Extent   | DUP     |
| 3586     | 4/28/99     | GW06389TE | CHROMIUM   | 0.25   | UG/L  | B        | 0.15    | 1    | UJ1   | TR1         | Plume Extent   | DUP     |
| 3586     | 4/28/99     | GW06389TE | COBALT     | 2.7    | UG/L  | B        | 0.18    | 1    | V1    | TR1         | Plume Extent   | DUP     |
| 3586     | 4/28/99     | GW06389TE | COPPER     | 3.7    | UG/L  |          | 0.25    | 1    | V1    | TR1         | Plume Extent   | DUP     |
| 3586     | 4/28/99     | GW06389TE | IRON       | 15.8   | UG/L  | B        | 4.8     | 1    | UJ1   | TR1         | Plume Extent   | DUP     |
| 3586     | 4/28/99     | GW06389TE | LEAD       | 0.72   | UG/L  | U        | 0.72    | 1    | V1    | TR1         | Plume Extent   | DUP     |
| 3586     | 4/28/99     | GW06389TE | LITHIUM    | 25.3   | UG/L  | B        | 0.05    | 1    | J1    | TR1         | Plume Extent   | DUP     |
| 3586     | 4/28/99     | GW06389TE | MAGNESIUM  | 2870   | UG/L  |          | 0.7     | 1    | V1    | TR1         | Plume Extent   | DUP     |
| 3586     | 4/28/99     | GW06389TE | MANGANESE  | 1270   | UG/L  |          | 0.05    | 1    | V1    | TR1         | Plume Extent   | DUP     |
| 3586     | 4/28/99     | GW06389TE | MERCURY    | 0.1    | UG/L  | U        | 0.1     | 1    | V1    | TR1         | Plume Extent   | DUP     |
| 3586     | 4/28/99     | GW06389TE | MOLYBDENUM | 1.6    | UG/L  | B        | 0.3     | 1    | V1    | TR1         | Plume Extent   | DUP     |
| 3586     | 4/28/99     | GW06389TE | NICKEL     | 7.5    | UG/L  | B        | 0.3     | 1    | V1    | TR1         | Plume Extent   | DUP     |
| 3586     | 4/28/99     | GW06389TE | POTASSIUM  | 8540   | UG/L  |          | 7       | 1    | J1    | TR1         | Plume Extent   | DUP     |
| 3586     | 4/28/99     | GW06389TE | SELENIUM   | 5.8    | UG/L  |          | 1.2     | 1    | V1    | TR1         | Plume Extent   | DUP     |
| 3586     | 4/28/99     | GW06389TE | SILVER     | 0.35   | UG/L  | U        | 0.35    | 1    | V1    | TR1         | Plume Extent   | DUP     |
| 3586     | 4/28/99     | GW06389TE | SODIUM     | 117000 | UG/L  |          | 21.9    | 5    | V1    | TR1         | Plume Extent   | DUP     |
| 3586     | 4/28/99     | GW06389TE | STRONTIUM  | 837    | UG/L  |          | 0.02    | 1    | V1    | TR1         | Plume Extent   | DUP     |
| 3586     | 4/28/99     | GW06389TE | THALLIUM   | 0.88   | UG/L  | U        | 0.88    | 1    | V1    | TR1         | Plume Extent   | DUP     |
| 3586     | 4/28/99     | GW06389TE | TIN        | 0.68   | UG/L  | U        | 0.68    | 1    | V1    | TR1         | Plume Extent   | DUP     |
| 3586     | 4/28/99     | GW06389TE | VANADIUM   | 0.53   | UG/L  | B        | 0.2     | 1    | V1    | TR1         | Plume Extent   | DUP     |
| 3586     | 4/28/99     | GW06389TE | ZINC       | 8.9    | UG/L  | B        | 0.12    | 1    | V1    | TR1         | Plume Extent   | DUP     |
| 3586     | 4/28/99     | GW06390TE | ALUMINUM   | 14.1   | UG/L  |          | 6.9     | 1    | UJ1   | TR1         | Plume Extent   | RNS     |
| 3586     | 4/28/99     | GW06390TE | ANTIMONY   | 0.48   | UG/L  | U        | 0.48    | 1    | V1    | TR1         | Plume Extent   | RNS     |

## Appendix A: Groundwater Analytical Data - Metals

Second Quarter 1999

| Location | Sample Date | Sample #  | Analyte    | Result | Units | Lab Qual | Det Lim | Dilu | Valid | Result Type | IMP Well Class  | QC Type |
|----------|-------------|-----------|------------|--------|-------|----------|---------|------|-------|-------------|-----------------|---------|
| 3586     | 4/28/99     | GW06390TE | ARSENIC    | 0.58   | UG/L  | U        | 0.58    | 1    | V1    | TR1         | Plume Extent    | RNS     |
| 3586     | 4/28/99     | GW06390TE | BARIUM     | 0.58   | UG/L  | B        | 0.05    | 1    | UJ1   | TR1         | Plume Extent    | RNS     |
| 3586     | 4/28/99     | GW06390TE | BERYLLIUM  | 0.04   | UG/L  | B        | 0.02    | 1    | UJ1   | TR1         | Plume Extent    | RNS     |
| 3586     | 4/28/99     | GW06390TE | CADMIUM    | 0.08   | UG/L  | U        | 0.08    | 1    | V1    | TR1         | Plume Extent    | RNS     |
| 3586     | 4/28/99     | GW06390TE | CALCIUM    | 69     | UG/L  | B        | 4.1     | 1    | V1    | TR1         | Plume Extent    | RNS     |
| 3586     | 4/28/99     | GW06390TE | CHROMIUM   | 0.53   | UG/L  | B        | 0.15    | 1    | UJ1   | TR1         | Plume Extent    | RNS     |
| 3586     | 4/28/99     | GW06390TE | COBALT     | 0.18   | UG/L  | U        | 0.18    | 1    | V1    | TR1         | Plume Extent    | RNS     |
| 3586     | 4/28/99     | GW06390TE | COPPER     | 1.1    | UG/L  | B        | 0.25    | 1    | UJ1   | TR1         | Plume Extent    | RNS     |
| 3586     | 4/28/99     | GW06390TE | IRON       | 56     | UG/L  | B        | 4.8     | 1    | UJ1   | TR1         | Plume Extent    | RNS     |
| 3586     | 4/28/99     | GW06390TE | LEAD       | 0.72   | UG/L  | U        | 0.72    | 1    | V1    | TR1         | Plume Extent    | RNS     |
| 3586     | 4/28/99     | GW06390TE | LITHIUM    | 0.08   | UG/L  | B        | 0.05    | 1    | UJ1   | TR1         | Plume Extent    | RNS     |
| 3586     | 4/28/99     | GW06390TE | MAGNESIUM  | 31.5   | UG/L  | B        | 0.7     | 1    | V1    | TR1         | Plume Extent    | RNS     |
| 3586     | 4/28/99     | GW06390TE | MANGANESE  | 1.4    | UG/L  | B        | 0.05    | 1    | V1    | TR1         | Plume Extent    | RNS     |
| 3586     | 4/28/99     | GW06390TE | MERCURY    | 0.1    | UG/L  | U        | 0.1     | 1    | V1    | TR1         | Plume Extent    | RNS     |
| 3586     | 4/28/99     | GW06390TE | MOLYBDENUM | 0.3    | UG/L  | U        | 0.3     | 1    | V1    | TR1         | Plume Extent    | RNS     |
| 3586     | 4/28/99     | GW06390TE | NICKEL     | 0.3    | UG/L  | U        | 0.3     | 1    | V1    | TR1         | Plume Extent    | RNS     |
| 3586     | 4/28/99     | GW06390TE | POTASSIUM  | 25     | UG/L  | B        | 7       | 1    | UJ1   | TR1         | Plume Extent    | RNS     |
| 3586     | 4/28/99     | GW06390TE | SELENIUM   | 1.2    | UG/L  | U        | 1.2     | 1    | V1    | TR1         | Plume Extent    | RNS     |
| 3586     | 4/28/99     | GW06390TE | SILVER     | 0.35   | UG/L  | U        | 0.35    | 1    | V1    | TR1         | Plume Extent    | RNS     |
| 3586     | 4/28/99     | GW06390TE | SODIUM     | 67.4   | UG/L  | B        | 4.4     | 1    | UJ1   | TR1         | Plume Extent    | RNS     |
| 3586     | 4/28/99     | GW06390TE | STRONTIUM  | 0.36   | UG/L  | B        | 0.02    | 1    | V1    | TR1         | Plume Extent    | RNS     |
| 3586     | 4/28/99     | GW06390TE | THALLIUM   | 0.88   | UG/L  | U        | 0.88    | 1    | V1    | TR1         | Plume Extent    | RNS     |
| 3586     | 4/28/99     | GW06390TE | TIN        | 0.68   | UG/L  | U        | 0.68    | 1    | V1    | TR1         | Plume Extent    | RNS     |
| 3586     | 4/28/99     | GW06390TE | VANADIUM   | 0.2    | UG/L  | U        | 0.2     | 1    | V1    | TR1         | Plume Extent    | RNS     |
| 3586     | 4/28/99     | GW06390TE | ZINC       | 8.2    | UG/L  | B        | 0.12    | 1    | V1    | TR1         | Plume Extent    | RNS     |
| 3687     | 4/28/99     | GW06339TE | ALUMINUM   | 14.7   | UG/L  | B        | 5       | 1    |       | TR1         | Perf Monitoring | REAL    |
| 3687     | 4/28/99     | GW06339TE | ANTIMONY   | 0.48   | UG/L  | U        | 0.48    | 1    |       | TR1         | Perf Monitoring | REAL    |
| 3687     | 4/28/99     | GW06339TE | ARSENIC    | 0.58   | UG/L  | U        | 0.58    | 1    |       | TR1         | Perf Monitoring | REAL    |
| 3687     | 4/28/99     | GW06339TE | BARIUM     | 225    | UG/L  |          | 0.05    | 1    |       | TR1         | Perf Monitoring | REAL    |
| 3687     | 4/28/99     | GW06339TE | BERYLLIUM  | 0.02   | UG/L  | U        | 0.02    | 1    |       | TR1         | Perf Monitoring | REAL    |
| 3687     | 4/28/99     | GW06339TE | CADMUM     | 0.08   | UG/L  | U        | 0.08    | 1    |       | TR1         | Perf Monitoring | REAL    |
| 3687     | 4/28/99     | GW06339TE | CALCIUM    | 145000 | UG/L  |          | 14.6    | 1    |       | TR1         | Perf Monitoring | REAL    |
| 3687     | 4/28/99     | GW06339TE | CHROMIUM   | 0.55   | UG/L  | B        | 0.15    | 1    |       | TR1         | Perf Monitoring | REAL    |
| 3687     | 4/28/99     | GW06339TE | COBALT     | 0.18   | UG/L  | U        | 0.18    | 1    |       | TR1         | Perf Monitoring | REAL    |
| 3687     | 4/28/99     | GW06339TE | COPPER     | 0.48   | UG/L  | B        | 0.25    | 1    |       | TR1         | Perf Monitoring | REAL    |
| 3687     | 4/28/99     | GW06339TE | IRON       | 33.6   | UG/L  | B        | 4.8     | 1    |       | TR1         | Perf Monitoring | REAL    |
| 3687     | 4/28/99     | GW06339TE | LEAD       | 0.72   | UG/L  | U        | 0.72    | 1    |       | TR1         | Perf Monitoring | REAL    |
| 3687     | 4/28/99     | GW06339TE | LITHIUM    | 6.6    | UG/L  | B        | 0.05    | 1    |       | TR1         | Perf Monitoring | REAL    |
| 3687     | 4/28/99     | GW06339TE | MAGNESIUM  | 10500  | UG/L  | B        | 34.8    | 5    |       | TR1         | Perf Monitoring | REAL    |
| 3687     | 4/28/99     | GW06339TE | MANGANESE  | 7.2    | UG/L  | B        | 0.05    | 1    |       | TR1         | Perf Monitoring | REAL    |
| 3687     | 4/28/99     | GW06339TE | MERCURY    | 0.1    | UG/L  | U        | 0.1     | 1    |       | TR1         | Perf Monitoring | REAL    |
| 3687     | 4/28/99     | GW06339TE | MOLYBDENUM | 0.52   | UG/L  | B        | 0.3     | 1    |       | TR1         | Perf Monitoring | REAL    |
| 3687     | 4/28/99     | GW06339TE | NICKEL     | 2.5    | UG/L  | B        | 0.3     | 1    |       | TR1         | Perf Monitoring | REAL    |
| 3687     | 4/28/99     | GW06339TE | POTASSIUM  | 986    | UG/L  | B        | 7       | 1    |       | TR1         | Perf Monitoring | REAL    |
| 3687     | 4/28/99     | GW06339TE | SELENIUM   | 1.2    | UG/L  | U        | 1.2     | 1    |       | TR1         | Perf Monitoring | REAL    |
| 3687     | 4/28/99     | GW06339TE | SILVER     | 0.35   | UG/L  | U        | 0.35    | 1    |       | TR1         | Perf Monitoring | REAL    |
| 3687     | 4/28/99     | GW06339TE | SODIUM     | 11400  | UG/L  | B        | 21.9    | 5    |       | TR1         | Perf Monitoring | REAL    |
| 3687     | 4/28/99     | GW06339TE | STRONTIUM  | 378    | UG/L  |          | 0.02    | 1    |       | TR1         | Perf Monitoring | REAL    |
| 3687     | 4/28/99     | GW06339TE | THALLIUM   | 0.88   | UG/L  | U        | 0.88    | 1    |       | TR1         | Perf Monitoring | REAL    |
| 3687     | 4/28/99     | GW06339TE | TIN        | 0.68   | UG/L  | U        | 0.68    | 1    |       | TR1         | Perf Monitoring | REAL    |
| 3687     | 4/28/99     | GW06339TE | VANADIUM   | 0.84   | UG/L  | B        | 0.2     | 1    |       | TR1         | Perf Monitoring | REAL    |
| 3687     | 4/28/99     | GW06339TE | ZINC       | 9.1    | UG/L  | B        | 0.12    | 1    |       | TR1         | Perf Monitoring | REAL    |
| 4087     | 5/5/99      | GW06391TE | ALUMINUM   | 19.4   | UG/L  |          | 5       | 1    | J     | TR1         | RCRA            | REAL    |
| 4087     | 5/5/99      | GW06391TE | ANTIMONY   | 0.78   | UG/L  | B        | 0.48    | 1    | UJ    | TR1         | RCRA            | REAL    |
| 4087     | 5/5/99      | GW06391TE | ARSENIC    | 0.96   | UG/L  | B        | 0.58    | 1    | V     | TR1         | RCRA            | REAL    |
| 4087     | 5/5/99      | GW06391TE | BARIUM     | 22     | UG/L  | B        | 0.05    | 1    | V     | TR1         | RCRA            | REAL    |
| 4087     | 5/5/99      | GW06391TE | BERYLLIUM  | 0.02   | UG/L  | U        | 0.02    | 1    | J     | TR1         | RCRA            | REAL    |
| 4087     | 5/5/99      | GW06391TE | CADMUM     | 0.22   | UG/L  | B        | 0.08    | 1    | UJ    | TR1         | RCRA            | REAL    |
| 4087     | 5/5/99      | GW06391TE | CALCIUM    | 83100  | UG/L  |          | 4.1     | 1    | V     | TR1         | RCRA            | REAL    |
| 4087     | 5/5/99      | GW06391TE | CHROMIUM   | 33.5   | UG/L  |          | 0.15    | 1    | V     | TR1         | RCRA            | REAL    |
| 4087     | 5/5/99      | GW06391TE | COBALT     | 0.37   | UG/L  | B        | 0.18    | 1    | UJ    | TR1         | RCRA            | REAL    |
| 4087     | 5/5/99      | GW06391TE | COPPER     | 2.8    | UG/L  | B        | 0.25    | 1    | UJ    | TR1         | RCRA            | REAL    |
| 4087     | 5/5/99      | GW06391TE | IRON       | 13.9   | UG/L  | B        | 4.8     | 1    | V     | TR1         | RCRA            | REAL    |
| 4087     | 5/5/99      | GW06391TE | LEAD       | 0.72   | UG/L  | U        | 0.72    | 1    | J     | TR1         | RCRA            | REAL    |

## Appendix A: Groundwater Analytical Data - Metals

Second Quarter 1999

| Location | Sample Date | Sample #  | Analyte    | Result | Units | Lab Qual | Det Lim | Dilu | Valid | Result Type | IMP Well Class | QC Type |
|----------|-------------|-----------|------------|--------|-------|----------|---------|------|-------|-------------|----------------|---------|
| 4087     | 5/5/99      | GW06391TE | LITHIUM    | 119    | UG/L  |          | 0.05    | 1    | V     | TR1         | RCRA           | REAL    |
| 4087     | 5/5/99      | GW06391TE | MAGNESIUM  | 27900  | UG/L  |          | 0.7     | 1    | V     | TR1         | RCRA           | REAL    |
| 4087     | 5/5/99      | GW06391TE | MANGANESE  | 1.3    | UG/L  | B        | 0.05    | 1    | V     | TR1         | RCRA           | REAL    |
| 4087     | 5/5/99      | GW06391TE | MERCURY    | 0.1    | UG/L  | U        | 0.1     | 1    | V     | TR1         | RCRA           | REAL    |
| 4087     | 5/5/99      | GW06391TE | MOLYBDENUM | 7.5    | UG/L  | B        | 0.3     | 1    | V     | TR1         | RCRA           | REAL    |
| 4087     | 5/5/99      | GW06391TE | NICKEL     | 6.9    | UG/L  | B        | 0.3     | 1    | UJ    | TR1         | RCRA           | REAL    |
| 4087     | 5/5/99      | GW06391TE | POTASSIUM  | 1680   | UG/L  | B        | 7       | 1    | J     | TR1         | RCRA           | REAL    |
| 4087     | 5/5/99      | GW06391TE | SELENIUM   | 10.5   | UG/L  |          | 1.2     | 1    | J     | TR1         | RCRA           | REAL    |
| 4087     | 5/5/99      | GW06391TE | SILVER     | 0.35   | UG/L  | U        | 0.35    | 1    | V     | TR1         | RCRA           | REAL    |
| 4087     | 5/5/99      | GW06391TE | SODIUM     | 193000 | UG/L  |          | 20.5    | 20   | V     | TR1         | RCRA           | REAL    |
| 4087     | 5/5/99      | GW06391TE | STRONTIUM  | 783    | UG/L  |          | 0.02    | 1    | V     | TR1         | RCRA           | REAL    |
| 4087     | 5/5/99      | GW06391TE | THALLIUM   | 0.88   | UG/L  | U        | 0.88    | 1    | V     | TR1         | RCRA           | REAL    |
| 4087     | 5/5/99      | GW06391TE | TIN        | 0.68   | UG/L  | U        | 0.68    | 1    | V     | TR1         | RCRA           | REAL    |
| 4087     | 5/5/99      | GW06391TE | VANADIUM   | 0.6    | UG/L  | B        | 0.2     | 1    | UJ    | TR1         | RCRA           | REAL    |
| 4087     | 5/5/99      | GW06391TE | ZINC       | 6.8    | UG/L  |          | 0.12    | 1    | V     | TR1         | RCRA           | REAL    |
| 52894    | 5/5/99      | GW06395TE | ALUMINUM   | 11.2   | UG/L  | B        | 5       | 1    | J     | TR1         | RCRA           | REAL    |
| 52894    | 5/5/99      | GW06395TE | ANTIMONY   | 0.9    | UG/L  | B        | 0.48    | 1    | UJ    | TR1         | RCRA           | REAL    |
| 52894    | 5/5/99      | GW06395TE | ARSENIC    | 0.58   | UG/L  | U        | 0.58    | 1    | V     | TR1         | RCRA           | REAL    |
| 52894    | 5/5/99      | GW06395TE | BARIUM     | 56.7   | UG/L  | B        | 0.05    | 1    | V     | TR1         | RCRA           | REAL    |
| 52894    | 5/5/99      | GW06395TE | BERYLLIUM  | 0.02   | UG/L  | U        | 0.02    | 1    | J     | TR1         | RCRA           | REAL    |
| 52894    | 5/5/99      | GW06395TE | CADMUM     | 0.34   | UG/L  | B        | 0.08    | 1    | UJ    | TR1         | RCRA           | REAL    |
| 52894    | 5/5/99      | GW06395TE | CALCIUM    | 42700  | UG/L  |          | 4.1     | 1    | V     | TR1         | RCRA           | REAL    |
| 52894    | 5/5/99      | GW06395TE | CHROMIUM   | 0.5    | UG/L  | B        | 0.15    | 1    | UJ    | TR1         | RCRA           | REAL    |
| 52894    | 5/5/99      | GW06395TE | COBALT     | 1      | UG/L  | B        | 0.18    | 1    | UJ    | TR1         | RCRA           | REAL    |
| 52894    | 5/5/99      | GW06395TE | COPPER     | 3.6    | UG/L  |          | 0.25    | 1    | UJ    | TR1         | RCRA           | REAL    |
| 52894    | 5/5/99      | GW06395TE | IRON       | 80.9   | UG/L  | B        | 4.8     | 1    | V     | TR1         | RCRA           | REAL    |
| 52894    | 5/5/99      | GW06395TE | LEAD       | 0.72   | UG/L  | U        | 0.72    | 1    | J     | TR1         | RCRA           | REAL    |
| 52894    | 5/5/99      | GW06395TE | LITHIUM    | 165    | UG/L  |          | 0.05    | 1    | V     | TR1         | RCRA           | REAL    |
| 52894    | 5/5/99      | GW06395TE | MAGNESIUM  | 14400  | UG/L  |          | 0.7     | 1    | V     | TR1         | RCRA           | REAL    |
| 52894    | 5/5/99      | GW06395TE | MANGANESE  | 69.8   | UG/L  |          | 0.05    | 1    | V     | TR1         | RCRA           | REAL    |
| 52894    | 5/5/99      | GW06395TE | MERCURY    | 0.1    | UG/L  | U        | 0.1     | 1    | V     | TR1         | RCRA           | REAL    |
| 52894    | 5/5/99      | GW06395TE | MOLYBDENUM | 5.6    | UG/L  | B        | 0.3     | 1    | V     | TR1         | RCRA           | REAL    |
| 52894    | 5/5/99      | GW06395TE | NICKEL     | 1.8    | UG/L  | B        | 0.3     | 1    | UJ    | TR1         | RCRA           | REAL    |
| 52894    | 5/5/99      | GW06395TE | POTASSIUM  | 1770   | UG/L  | B        | 7       | 1    | J     | TR1         | RCRA           | REAL    |
| 52894    | 5/5/99      | GW06395TE | SELENIUM   | 5.1    | UG/L  |          | 1.2     | 1    | J     | TR1         | RCRA           | REAL    |
| 52894    | 5/5/99      | GW06395TE | SILVER     | 0.35   | UG/L  | U        | 0.35    | 1    | V     | TR1         | RCRA           | REAL    |
| 52894    | 5/5/99      | GW06395TE | SODIUM     | 14900  | UG/L  |          | 1       | 1    | V     | TR1         | RCRA           | REAL    |
| 52894    | 5/5/99      | GW06395TE | STRONTIUM  | 440    | UG/L  |          | 0.02    | 1    | V     | TR1         | RCRA           | REAL    |
| 52894    | 5/5/99      | GW06395TE | THALLIUM   | 0.88   | UG/L  | U        | 0.88    | 1    | V     | TR1         | RCRA           | REAL    |
| 52894    | 5/5/99      | GW06395TE | TIN        | 0.68   | UG/L  | U        | 0.68    | 1    | V     | TR1         | RCRA           | REAL    |
| 52894    | 5/5/99      | GW06395TE | VANADIUM   | 0.33   | UG/L  | B        | 0.2     | 1    | UJ    | TR1         | RCRA           | REAL    |
| 52894    | 5/5/99      | GW06395TE | ZINC       | 9.5    | UG/L  | B        | 0.12    | 1    | V     | TR1         | RCRA           | REAL    |
| 5387     | 4/19/99     | GW06340TE | ALUMINUM   | 239    | UG/L  |          | 6.9     | 1    | V     | TR1         | Plume Extent   | REAL    |
| 5387     | 4/19/99     | GW06340TE | ANTIMONY   | 0.57   | UG/L  | B        | 0.48    | 1    | UJ    | TR1         | Plume Extent   | REAL    |
| 5387     | 4/19/99     | GW06340TE | ARSENIC    | 0.58   | UG/L  | U        | 0.58    | 1    | V     | TR1         | Plume Extent   | REAL    |
| 5387     | 4/19/99     | GW06340TE | BARIUM     | 83.6   | UG/L  | B        | 0.05    | 1    | V     | TR1         | Plume Extent   | REAL    |
| 5387     | 4/19/99     | GW06340TE | BERYLLIUM  | 0.08   | UG/L  | B        | 0.02    | 1    | UJ    | TR1         | Plume Extent   | REAL    |
| 5387     | 4/19/99     | GW06340TE | CADMUM     | 0.21   | UG/L  | B        | 0.08    | 1    | J     | TR1         | Plume Extent   | REAL    |
| 5387     | 4/19/99     | GW06340TE | CALCIUM    | 121000 | UG/L  |          | 4.1     | 1    | V     | TR1         | Plume Extent   | REAL    |
| 5387     | 4/19/99     | GW06340TE | CHROMIUM   | 4.1    | UG/L  |          | 0.15    | 1    | J     | TR1         | Plume Extent   | REAL    |
| 5387     | 4/19/99     | GW06340TE | COBALT     | 0.18   | UG/L  | U        | 0.18    | 1    | V     | TR1         | Plume Extent   | REAL    |
| 5387     | 4/19/99     | GW06340TE | COPPER     | 19.9   | UG/L  |          | 0.25    | 1    | V     | TR1         | Plume Extent   | REAL    |
| 5387     | 4/19/99     | GW06340TE | IRON       | 125    | UG/L  |          | 4.8     | 1    | V     | TR1         | Plume Extent   | REAL    |
| 5387     | 4/19/99     | GW06340TE | LEAD       | 0.72   | UG/L  | U        | 0.72    | 1    | V     | TR1         | Plume Extent   | REAL    |
| 5387     | 4/19/99     | GW06340TE | LITHIUM    | 11.3   | UG/L  | B        | 0.05    | 1    | J     | TR1         | Plume Extent   | REAL    |
| 5387     | 4/19/99     | GW06340TE | MAGNESIUM  | 38300  | UG/L  |          | 0.7     | 1    | V     | TR1         | Plume Extent   | REAL    |
| 5387     | 4/19/99     | GW06340TE | MANGANESE  | 1.1    | UG/L  | B        | 0.05    | 1    | V     | TR1         | Plume Extent   | REAL    |
| 5387     | 4/19/99     | GW06340TE | MERCURY    | 0.1    | UG/L  | U        | 0.1     | 1    | V     | TR1         | Plume Extent   | REAL    |
| 5387     | 4/19/99     | GW06340TE | MOLYBDENUM | 3.2    | UG/L  | B        | 0.3     | 1    | V     | TR1         | Plume Extent   | REAL    |
| 5387     | 4/19/99     | GW06340TE | NICKEL     | 15.1   | UG/L  | B        | 0.3     | 1    | V     | TR1         | Plume Extent   | REAL    |
| 5387     | 4/19/99     | GW06340TE | POTASSIUM  | 1710   | UG/L  | B        | 7       | 1    | J     | TR1         | Plume Extent   | REAL    |
| 5387     | 4/19/99     | GW06340TE | SELENIUM   | 5.4    | UG/L  |          | 1.2     | 1    | V     | TR1         | Plume Extent   | REAL    |
| 5387     | 4/19/99     | GW06340TE | SILVER     | 0.35   | UG/L  | U        | 0.35    | 1    | V     | TR1         | Plume Extent   | REAL    |
| 5387     | 4/19/99     | GW06340TE | SODIUM     | 98100  | UG/L  | B        | 87.5    | 20   | V     | TR1         | Plume Extent   | REAL    |

## Appendix A: Groundwater Analytical Data - Metals

Second Quarter 1999

| Location | Sample Date | Sample #  | Analyte    | Result | Units | Lab Qual | Det Lim | Dilu | Valid | Result Type | IMP Well Class | QC Type |
|----------|-------------|-----------|------------|--------|-------|----------|---------|------|-------|-------------|----------------|---------|
| 5387     | 4/19/99     | GW06340TE | STRONTIUM  | 914    | UG/L  |          | 0.02    | 1    | V     | TR1         | Plume Extent   | REAL    |
| 5387     | 4/19/99     | GW06340TE | THALLIUM   | 0.88   | UG/L  | U        | 0.88    | 1    | V     | TR1         | Plume Extent   | REAL    |
| 5387     | 4/19/99     | GW06340TE | TIN        | 0.68   | UG/L  | U        | 0.68    | 1    | V     | TR1         | Plume Extent   | REAL    |
| 5387     | 4/19/99     | GW06340TE | VANADIUM   | 2.2    | UG/L  | B        | 0.2     | 1    | V     | TR1         | Plume Extent   | REAL    |
| 5387     | 4/19/99     | GW06340TE | ZINC       | 44.8   | UG/L  |          | 0.12    | 1    | V     | TR1         | Plume Extent   | REAL    |
| 5587     | 5/10/99     | GW06341TE | ALUMINUM   | 52.8   | UG/L  | B        | 5       | 1    | J1    | TR1         | Drainage       | REAL    |
| 5587     | 5/10/99     | GW06341TE | ANTIMONY   | 0.54   | UG/L  | B        | 0.48    | 1    | UJ1   | TR1         | Drainage       | REAL    |
| 5587     | 5/10/99     | GW06341TE | ARSENIC    | 0.58   | UG/L  | U        | 0.58    | 1    | V1    | TR1         | Drainage       | REAL    |
| 5587     | 5/10/99     | GW06341TE | BARIUM     | 25.7   | UG/L  | B        | 0.05    | 1    | V1    | TR1         | Drainage       | REAL    |
| 5587     | 5/10/99     | GW06341TE | BERYLLIUM  | 0.02   | UG/L  | U        | 0.02    | 1    | J1    | TR1         | Drainage       | REAL    |
| 5587     | 5/10/99     | GW06341TE | CADMUM     | 0.94   | UG/L  | B        | 0.08    | 1    | J1    | TR1         | Drainage       | REAL    |
| 5587     | 5/10/99     | GW06341TE | CALCIUM    | 114000 | UG/L  |          | 2.9     | 1    | V1    | TR1         | Drainage       | REAL    |
| 5587     | 5/10/99     | GW06341TE | CHROMIUM   | 2.2    | UG/L  | B        | 0.15    | 1    | V1    | TR1         | Drainage       | REAL    |
| 5587     | 5/10/99     | GW06341TE | COBALT     | 40.5   | UG/L  | B        | 0.18    | 1    | V1    | TR1         | Drainage       | REAL    |
| 5587     | 5/10/99     | GW06341TE | COPPER     | 171    | UG/L  | B        | 0.25    | 1    | V1    | TR1         | Drainage       | REAL    |
| 5587     | 5/10/99     | GW06341TE | IRON       | 30.6   | UG/L  |          | 4.8     | 1    | V1    | TR1         | Drainage       | REAL    |
| 5587     | 5/10/99     | GW06341TE | LEAD       | 0.72   | UG/L  | U        | 0.72    | 1    | V1    | TR1         | Drainage       | REAL    |
| 5587     | 5/10/99     | GW06341TE | LITHIUM    | 100    | UG/L  |          | 0.05    | 1    | V1    | TR1         | Drainage       | REAL    |
| 5587     | 5/10/99     | GW06341TE | MAGNESIUM  | 37500  | UG/L  |          | 7       | 1    | V1    | TR1         | Drainage       | REAL    |
| 5587     | 5/10/99     | GW06341TE | MANGANESE  | 2.5    | UG/L  | B        | 0.05    | 1    | V1    | TR1         | Drainage       | REAL    |
| 5587     | 5/10/99     | GW06341TE | MERCURY    | 0.1    | UG/L  | U        | 0.1     | 1    | V1    | TR1         | Drainage       | REAL    |
| 5587     | 5/10/99     | GW06341TE | MOLYBDENUM | 7.6    | UG/L  | B        | 0.3     | 1    | V1    | TR1         | Drainage       | REAL    |
| 5587     | 5/10/99     | GW06341TE | NICKEL     | 120    | UG/L  |          | 0.3     | 1    | V1    | TR1         | Drainage       | REAL    |
| 5587     | 5/10/99     | GW06341TE | POTASSIUM  | 1360   | UG/L  | B        | 7       | 1    | V1    | TR1         | Drainage       | REAL    |
| 5587     | 5/10/99     | GW06341TE | SELENIUM   | 11.6   | UG/L  | U        | 1.2     | 1    | V1    | TR1         | Drainage       | REAL    |
| 5587     | 5/10/99     | GW06341TE | SILVER     | 0.35   | UG/L  | U        | 0.35    | 1    | V1    | TR1         | Drainage       | REAL    |
| 5587     | 5/10/99     | GW06341TE | SODIUM     | 100000 | UG/L  |          | 4.4     | 1    | V1    | TR1         | Drainage       | REAL    |
| 5587     | 5/10/99     | GW06341TE | STRONTIUM  | 1270   | UG/L  |          | 0.02    | 1    | V1    | TR1         | Drainage       | REAL    |
| 5587     | 5/10/99     | GW06341TE | THALLIUM   | 0.88   | UG/L  | U        | 0.88    | 1    | V1    | TR1         | Drainage       | REAL    |
| 5587     | 5/10/99     | GW06341TE | TIN        | 0.68   | UG/L  | U        | 0.68    | 1    | V1    | TR1         | Drainage       | REAL    |
| 5587     | 5/10/99     | GW06341TE | VANADIUM   | 1      | UG/L  | B        | 0.2     | 1    | J1    | TR1         | Drainage       | REAL    |
| 5587     | 5/10/99     | GW06341TE | ZINC       | 388    | UG/L  |          | 0.12    | 1    | V1    | TR1         | Drainage       | REAL    |
| 5887     | 5/24/99     | GW06392TE | ALUMINUM   | 13.1   | UG/L  | B        | 5       | 1    | J1    | TR1         | RCRA           | REAL    |
| 5887     | 5/24/99     | GW06392TE | ANTIMONY   | 0.48   | UG/L  | U        | 0.48    | 1    | V1    | TR1         | RCRA           | REAL    |
| 5887     | 5/24/99     | GW06392TE | ARSENIC    | 0.58   | UG/L  | U        | 0.58    | 1    | V1    | TR1         | RCRA           | REAL    |
| 5887     | 5/24/99     | GW06392TE | BARIUM     | 38.3   | UG/L  | B        | 0.05    | 1    | V1    | TR1         | RCRA           | REAL    |
| 5887     | 5/24/99     | GW06392TE | BERYLLIUM  | 0.03   | UG/L  | B        | 0.02    | 1    | UJ1   | TR1         | RCRA           | REAL    |
| 5887     | 5/24/99     | GW06392TE | CADMUM     | 0.09   | UG/L  | B        | 0.08    | 1    | V1    | TR1         | RCRA           | REAL    |
| 5887     | 5/24/99     | GW06392TE | CALCIUM    | 15800  | UG/L  |          | 4.1     | 1    | V1    | TR1         | RCRA           | REAL    |
| 5887     | 5/24/99     | GW06392TE | CHROMIUM   | 0.94   | UG/L  | B        | 0.15    | 1    | UJ1   | TR1         | RCRA           | REAL    |
| 5887     | 5/24/99     | GW06392TE | COBALT     | 0.23   | UG/L  | B        | 0.18    | 1    | UJ1   | TR1         | RCRA           | REAL    |
| 5887     | 5/24/99     | GW06392TE | COPPER     | 3.7    | UG/L  |          | 0.25    | 1    | V1    | TR1         | RCRA           | REAL    |
| 5887     | 5/24/99     | GW06392TE | IRON       | 16.3   | UG/L  | B        | 4.8     | 1    | UJ1   | TR1         | RCRA           | REAL    |
| 5887     | 5/24/99     | GW06392TE | LEAD       | 2.4    | UG/L  |          | 0.72    | 1    | J1    | TR1         | RCRA           | REAL    |
| 5887     | 5/24/99     | GW06392TE | LITHIUM    | 1.6    | UG/L  | B        | 0.05    | 1    | V1    | TR1         | RCRA           | REAL    |
| 5887     | 5/24/99     | GW06392TE | MAGNESIUM  | 3720   | UG/L  | B        | 0.7     | 1    | V1    | TR1         | RCRA           | REAL    |
| 5887     | 5/24/99     | GW06392TE | MANGANESE  | 1.3    | UG/L  | B        | 0.05    | 1    | V1    | TR1         | RCRA           | REAL    |
| 5887     | 5/24/99     | GW06392TE | MERCURY    | 0.1    | UG/L  | U        | 0.1     | 1    | J1    | TR1         | RCRA           | REAL    |
| 5887     | 5/24/99     | GW06392TE | MOLYBDENUM | 0.3    | UG/L  | U        | 0.3     | 1    | V1    | TR1         | RCRA           | REAL    |
| 5887     | 5/24/99     | GW06392TE | NICKEL     | 1.7    | UG/L  | B        | 0.3     | 1    | J1    | TR1         | RCRA           | REAL    |
| 5887     | 5/24/99     | GW06392TE | POTASSIUM  | 659    | UG/L  | B        | 7       | 1    | V1    | TR1         | RCRA           | REAL    |
| 5887     | 5/24/99     | GW06392TE | SELENIUM   | 1.3    | UG/L  | B        | 1.2     | 1    | V1    | TR1         | RCRA           | REAL    |
| 5887     | 5/24/99     | GW06392TE | SILVER     | 0.35   | UG/L  | U        | 0.35    | 1    | V1    | TR1         | RCRA           | REAL    |
| 5887     | 5/24/99     | GW06392TE | SODIUM     | 4570   | UG/L  | B        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 5887     | 5/24/99     | GW06392TE | STRONTIUM  | 96.9   | UG/L  | B        | 0.02    | 1    | V1    | TR1         | RCRA           | REAL    |
| 5887     | 5/24/99     | GW06392TE | THALLIUM   | 0.88   | UG/L  | U        | 0.88    | 1    | V1    | TR1         | RCRA           | REAL    |
| 5887     | 5/24/99     | GW06392TE | TIN        | 0.68   | UG/L  | U        | 0.68    | 1    | V1    | TR1         | RCRA           | REAL    |
| 5887     | 5/24/99     | GW06392TE | VANADIUM   | 0.22   | UG/L  | B        | 0.2     | 1    | UJ1   | TR1         | RCRA           | REAL    |
| 5887     | 5/24/99     | GW06392TE | ZINC       | 8.2    | UG/L  | B        | 0.12    | 1    | UJ1   | TR1         | RCRA           | REAL    |
| 5887     | 5/24/99     | GW06393TE | ALUMINUM   | 15.9   | UG/L  | B        | 5       | 1    | J1    | TR1         | RCRA           | DUP     |
| 5887     | 5/24/99     | GW06393TE | ANTIMONY   | 0.48   | UG/L  | U        | 0.48    | 1    | V1    | TR1         | RCRA           | DUP     |
| 5887     | 5/24/99     | GW06393TE | ARSENIC    | 0.58   | UG/L  | U        | 0.58    | 1    | V1    | TR1         | RCRA           | DUP     |
| 5887     | 5/24/99     | GW06393TE | BARIUM     | 38.2   | UG/L  | B        | 0.05    | 1    | V1    | TR1         | RCRA           | DUP     |
| 5887     | 5/24/99     | GW06393TE | BERYLLIUM  | 0.02   | UG/L  | U        | 0.02    | 1    | V1    | TR1         | RCRA           | DUP     |

## Appendix A: Groundwater Analytical Data - Metals

Second Quarter 1999

| Location | Sample Date | Sample #  | Analyte    | Result | Units | Lab Qual | Det Lim | Dilu | Valid | Result Type | IMP Well Class | QC Type |
|----------|-------------|-----------|------------|--------|-------|----------|---------|------|-------|-------------|----------------|---------|
| 5887     | 5/24/99     | GW06393TE | CADMIUM    | 0.1    | UG/L  | B        | 0.08    | 1    | V1    | TR1         | RCRA           | DUP     |
| 5887     | 5/24/99     | GW06393TE | CALCIUM    | 15700  | UG/L  |          | 4.1     | 1    | V1    | TR1         | RCRA           | DUP     |
| 5887     | 5/24/99     | GW06393TE | CHROMIUM   | 0.93   | UG/L  | B        | 0.15    | 1    | UJ1   | TR1         | RCRA           | DUP     |
| 5887     | 5/24/99     | GW06393TE | COBALT     | 0.3    | UG/L  | B        | 0.18    | 1    | UJ1   | TR1         | RCRA           | DUP     |
| 5887     | 5/24/99     | GW06393TE | COPPER     | 3.5    | UG/L  |          | 0.25    | 1    | V1    | TR1         | RCRA           | DUP     |
| 5887     | 5/24/99     | GW06393TE | IRON       | 23.3   | UG/L  | B        | 4.8     | 1    | UJ1   | TR1         | RCRA           | DUP     |
| 5887     | 5/24/99     | GW06393TE | LEAD       | 0.72   | UG/L  | U        | 0.72    | 1    | V1    | TR1         | RCRA           | DUP     |
| 5887     | 5/24/99     | GW06393TE | LITHIUM    | 1.6    | UG/L  | B        | 0.05    | 1    | V1    | TR1         | RCRA           | DUP     |
| 5887     | 5/24/99     | GW06393TE | MAGNESIUM  | 3710   | UG/L  | B        | 0.7     | 1    | V1    | TR1         | RCRA           | DUP     |
| 5887     | 5/24/99     | GW06393TE | MANGANESE  | 1.3    | UG/L  | B        | 0.05    | 1    | V1    | TR1         | RCRA           | DUP     |
| 5887     | 5/24/99     | GW06393TE | MERCURY    | 0.1    | UG/L  | U        | 0.1     | 1    | J1    | TR1         | RCRA           | DUP     |
| 5887     | 5/24/99     | GW06393TE | MOLYBDENUM | 0.3    | UG/L  | U        | 0.3     | 1    | V1    | TR1         | RCRA           | DUP     |
| 5887     | 5/24/99     | GW06393TE | NICKEL     | 2      | UG/L  | B        | 0.3     | 1    | J1    | TR1         | RCRA           | DUP     |
| 5887     | 5/24/99     | GW06393TE | POTASSIUM  | 659    | UG/L  | B        | 7       | 1    | V1    | TR1         | RCRA           | DUP     |
| 5887     | 5/24/99     | GW06393TE | SELENIUM   | 1.2    | UG/L  | U        | 1.2     | 1    | V1    | TR1         | RCRA           | DUP     |
| 5887     | 5/24/99     | GW06393TE | SILVER     | 0.35   | UG/L  | U        | 0.35    | 1    | V1    | TR1         | RCRA           | DUP     |
| 5887     | 5/24/99     | GW06393TE | SODIUM     | 4560   | UG/L  |          | 1       | 1    | V1    | TR1         | RCRA           | DUP     |
| 5887     | 5/24/99     | GW06393TE | STRONTIUM  | 96.4   | UG/L  | B        | 0.02    | 1    | V1    | TR1         | RCRA           | DUP     |
| 5887     | 5/24/99     | GW06393TE | THALLIUM   | 0.88   | UG/L  | U        | 0.88    | 1    | V1    | TR1         | RCRA           | DUP     |
| 5887     | 5/24/99     | GW06393TE | TIN        | 0.68   | UG/L  | U        | 0.68    | 1    | V1    | TR1         | RCRA           | DUP     |
| 5887     | 5/24/99     | GW06393TE | VANADIUM   | 0.31   | UG/L  | B        | 0.2     | 1    | UJ1   | TR1         | RCRA           | DUP     |
| 5887     | 5/24/99     | GW06393TE | ZINC       | 7      | UG/L  | B        | 0.12    | 1    | UJ1   | TR1         | RCRA           | DUP     |
| 70193    | 5/6/99      | GW06397TE | ALUMINUM   | 5      | UG/L  | U        | 5       | 1    | J     | TR1         | RCRA           | REAL    |
| 70193    | 5/6/99      | GW06397TE | ANTIMONY   | 0.48   | UG/L  | U        | 0.48    | 1    | V     | TR1         | RCRA           | REAL    |
| 70193    | 5/6/99      | GW06397TE | ARSENIC    | 0.58   | UG/L  | U        | 0.58    | 1    | V     | TR1         | RCRA           | REAL    |
| 70193    | 5/6/99      | GW06397TE | BARIUM     | 76.5   | UG/L  | B        | 0.05    | 1    | V     | TR1         | RCRA           | REAL    |
| 70193    | 5/6/99      | GW06397TE | BERYLLIUM  | 0.02   | UG/L  | U        | 0.02    | 1    | J     | TR1         | RCRA           | REAL    |
| 70193    | 5/6/99      | GW06397TE | CADMIUM    | 0.13   | UG/L  | B        | 0.08    | 1    | UJ    | TR1         | RCRA           | REAL    |
| 70193    | 5/6/99      | GW06397TE | CALCIUM    | 20600  | UG/L  |          | 4.1     | 1    | V     | TR1         | RCRA           | REAL    |
| 70193    | 5/6/99      | GW06397TE | CHROMIUM   | 0.32   | UG/L  | B        | 0.15    | 1    | UJ    | TR1         | RCRA           | REAL    |
| 70193    | 5/6/99      | GW06397TE | COBALT     | 0.18   | UG/L  | U        | 0.18    | 1    | V     | TR1         | RCRA           | REAL    |
| 70193    | 5/6/99      | GW06397TE | COPPER     | 1.1    | UG/L  | B        | 0.25    | 1    | UJ    | TR1         | RCRA           | REAL    |
| 70193    | 5/6/99      | GW06397TE | IRON       | 7.9    | UG/L  | B        | 4.8     | 1    | V     | TR1         | RCRA           | REAL    |
| 70193    | 5/6/99      | GW06397TE | LEAD       | 0.72   | UG/L  | U        | 0.72    | 1    | J     | TR1         | RCRA           | REAL    |
| 70193    | 5/6/99      | GW06397TE | LITHIUM    | 7.7    | UG/L  | B        | 0.05    | 1    | V     | TR1         | RCRA           | REAL    |
| 70193    | 5/6/99      | GW06397TE | MAGNESIUM  | 4170   | UG/L  | B        | 0.7     | 1    | V     | TR1         | RCRA           | REAL    |
| 70193    | 5/6/99      | GW06397TE | MANGANESE  | 0.72   | UG/L  | B        | 0.05    | 1    | UJ    | TR1         | RCRA           | REAL    |
| 70193    | 5/6/99      | GW06397TE | MERCURY    | 0.1    | UG/L  | U        | 0.1     | 1    | V     | TR1         | RCRA           | REAL    |
| 70193    | 5/6/99      | GW06397TE | MOLYBDENUM | 0.3    | UG/L  | U        | 0.3     | 1    | V     | TR1         | RCRA           | REAL    |
| 70193    | 5/6/99      | GW06397TE | NICKEL     | 0.56   | UG/L  | B        | 0.3     | 1    | UJ    | TR1         | RCRA           | REAL    |
| 70193    | 5/6/99      | GW06397TE | POTASSIUM  | 825    | UG/L  | B        | 7       | 1    | J     | TR1         | RCRA           | REAL    |
| 70193    | 5/6/99      | GW06397TE | SELENIUM   | 1.2    | UG/L  | B        | 1.2     | 1    | J     | TR1         | RCRA           | REAL    |
| 70193    | 5/6/99      | GW06397TE | SILVER     | 0.35   | UG/L  | U        | 0.35    | 1    | V     | TR1         | RCRA           | REAL    |
| 70193    | 5/6/99      | GW06397TE | SODIUM     | 10100  | UG/L  |          | 1       | 1    | V     | TR1         | RCRA           | REAL    |
| 70193    | 5/6/99      | GW06397TE | STRONTIUM  | 123    | UG/L  | B        | 0.02    | 1    | V     | TR1         | RCRA           | REAL    |
| 70193    | 5/6/99      | GW06397TE | THALLIUM   | 0.89   | UG/L  | B        | 0.88    | 1    | UJ    | TR1         | RCRA           | REAL    |
| 70193    | 5/6/99      | GW06397TE | TIN        | 0.82   | UG/L  | B        | 0.68    | 1    | UJ    | TR1         | RCRA           | REAL    |
| 70193    | 5/6/99      | GW06397TE | VANADIUM   | 0.38   | UG/L  | B        | 0.2     | 1    | UJ    | TR1         | RCRA           | REAL    |
| 70193    | 5/6/99      | GW06397TE | ZINC       | 5.4    | UG/L  | B        | 0.12    | 1    | V     | TR1         | RCRA           | REAL    |
| 70193    | 5/6/99      | GW06398TE | ALUMINUM   | 5      | UG/L  | U        | 5       | 1    | J     | TR1         | RCRA           | DUP     |
| 70193    | 5/6/99      | GW06398TE | ANTIMONY   | 0.68   | UG/L  | B        | 0.48    | 1    | UJ    | TR1         | RCRA           | DUP     |
| 70193    | 5/6/99      | GW06398TE | ARSENIC    | 0.58   | UG/L  | U        | 0.58    | 1    | V     | TR1         | RCRA           | DUP     |
| 70193    | 5/6/99      | GW06398TE | BARIUM     | 75     | UG/L  | B        | 0.05    | 1    | V     | TR1         | RCRA           | DUP     |
| 70193    | 5/6/99      | GW06398TE | BERYLLOIUM | 0.02   | UG/L  | U        | 0.02    | 1    | J     | TR1         | RCRA           | DUP     |
| 70193    | 5/6/99      | GW06398TE | CADMIUM    | 0.18   | UG/L  | B        | 0.08    | 1    | UJ    | TR1         | RCRA           | DUP     |
| 70193    | 5/6/99      | GW06398TE | CALCIUM    | 20300  | UG/L  |          | 4.1     | 1    | V     | TR1         | RCRA           | DUP     |
| 70193    | 5/6/99      | GW06398TE | CHROMIUM   | 0.59   | UG/L  | B        | 0.15    | 1    | UJ    | TR1         | RCRA           | DUP     |
| 70193    | 5/6/99      | GW06398TE | COBALT     | 0.18   | UG/L  | U        | 0.18    | 1    | V     | TR1         | RCRA           | DUP     |
| 70193    | 5/6/99      | GW06398TE | COPPER     | 1.1    | UG/L  | B        | 0.25    | 1    | UJ    | TR1         | RCRA           | DUP     |
| 70193    | 5/6/99      | GW06398TE | IRON       | 7.4    | UG/L  | B        | 4.8     | 1    | V     | TR1         | RCRA           | DUP     |
| 70193    | 5/6/99      | GW06398TE | LEAD       | 0.72   | UG/L  | U        | 0.72    | 1    | J     | TR1         | RCRA           | DUP     |
| 70193    | 5/6/99      | GW06398TE | LITHIUM    | 7.7    | UG/L  | B        | 0.05    | 1    | V     | TR1         | RCRA           | DUP     |
| 70193    | 5/6/99      | GW06398TE | MAGNESIUM  | 4030   | UG/L  | B        | 0.7     | 1    | V     | TR1         | RCRA           | DUP     |
| 70193    | 5/6/99      | GW06398TE | MANGANESE  | 0.46   | UG/L  | B        | 0.05    | 1    | UJ    | TR1         | RCRA           | DUP     |

## Appendix A: Groundwater Analytical Data - Metals

Second Quarter 1999

| Location | Sample Date | Sample #  | Analyte    | Result | Units | Lab Qual | Det Lim | Dilu | Valid | Result Type | IMP Well Class | QC Type |
|----------|-------------|-----------|------------|--------|-------|----------|---------|------|-------|-------------|----------------|---------|
| 70193    | 5/6/99      | GW06398TE | MERCURY    | 0.1    | UG/L  | U        | 4.8     | 0.1  | V     | TR1         | RCRA           | DUP     |
| 70193    | 5/6/99      | GW06398TE | MOLYBDENUM | 0.4    | UG/L  | B        | 0.3     | 1    | V     | TR1         | RCRA           | DUP     |
| 70193    | 5/6/99      | GW06398TE | NICKEL     | 0.66   | UG/L  | B        | 0.3     | 1    | UJ    | TR1         | RCRA           | DUP     |
| 70193    | 5/6/99      | GW06398TE | POTASSIUM  | 747    | UG/L  | B        | 7       | 1    | J     | TR1         | RCRA           | DUP     |
| 70193    | 5/6/99      | GW06398TE | SELENIUM   | 1.3    | UG/L  | B        | 1.2     | 1    | J     | TR1         | RCRA           | DUP     |
| 70193    | 5/6/99      | GW06398TE | SILVER     | 0.35   | UG/L  | U        | 0.35    | 1    | V     | TR1         | RCRA           | DUP     |
| 70193    | 5/6/99      | GW06398TE | SODIUM     | 9800   | UG/L  |          | 1       | 1    | V     | TR1         | RCRA           | DUP     |
| 70193    | 5/6/99      | GW06398TE | STRONTIUM  | 120    | UG/L  | B        | 0.02    | 1    | V     | TR1         | RCRA           | DUP     |
| 70193    | 5/6/99      | GW06398TE | THALLIUM   | 0.88   | UG/L  | U        | 0.88    | 1    | V     | TR1         | RCRA           | DUP     |
| 70193    | 5/6/99      | GW06398TE | TIN        | 0.68   | UG/L  | U        | 0.68    | 1    | V     | TR1         | RCRA           | DUP     |
| 70193    | 5/6/99      | GW06398TE | VANADIUM   | 0.38   | UG/L  | B        | 0.2     | 1    | UJ    | TR1         | RCRA           | DUP     |
| 70193    | 5/6/99      | GW06398TE | ZINC       | 12.1   | UG/L  | B        | 0.12    | 1    | V     | TR1         | RCRA           | DUP     |
| 70193    | 5/6/99      | GW06399TE | ALUMINUM   | 28.3   | UG/L  |          | 5       | 1    | J     | TR1         | RCRA           | RNS     |
| 70193    | 5/6/99      | GW06399TE | ANTIMONY   | 0.86   | UG/L  | B        | 0.48    | 1    | UJ    | TR1         | RCRA           | RNS     |
| 70193    | 5/6/99      | GW06399TE | ARSENIC    | 0.58   | UG/L  | U        | 0.58    | 1    | V     | TR1         | RCRA           | RNS     |
| 70193    | 5/6/99      | GW06399TE | BARIUM     | 2.2    | UG/L  | B        | 0.05    | 1    | V     | TR1         | RCRA           | RNS     |
| 70193    | 5/6/99      | GW06399TE | BERYLLIUM  | 0.02   | UG/L  | U        | 0.02    | 1    | J     | TR1         | RCRA           | RNS     |
| 70193    | 5/6/99      | GW06399TE | CADMUM     | 0.08   | UG/L  | U        | 0.08    | 1    | V     | TR1         | RCRA           | RNS     |
| 70193    | 5/6/99      | GW06399TE | CALCIUM    | 405    | UG/L  | B        | 4.1     | 1    | V     | TR1         | RCRA           | RNS     |
| 70193    | 5/6/99      | GW06399TE | CHROMIUM   | 0.38   | UG/L  | B        | 0.15    | 1    | UJ    | TR1         | RCRA           | RNS     |
| 70193    | 5/6/99      | GW06399TE | COBALT     | 0.18   | UG/L  | U        | 0.18    | 1    | V     | TR1         | RCRA           | RNS     |
| 70193    | 5/6/99      | GW06399TE | COPPER     | 0.9    | UG/L  | B        | 0.25    | 1    | UJ    | TR1         | RCRA           | RNS     |
| 70193    | 5/6/99      | GW06399TE | IRON       | 30.4   | UG/L  | B        | 4.8     | 1    | V     | TR1         | RCRA           | RNS     |
| 70193    | 5/6/99      | GW06399TE | LEAD       | 0.72   | UG/L  | U        | 0.72    | 1    | J     | TR1         | RCRA           | RNS     |
| 70193    | 5/6/99      | GW06399TE | LITHIUM    | 0.42   | UG/L  | B        | 0.05    | 1    | UJ    | TR1         | RCRA           | RNS     |
| 70193    | 5/6/99      | GW06399TE | MAGNESIUM  | 81.5   | UG/L  | B        | 0.7     | 1    | V     | TR1         | RCRA           | RNS     |
| 70193    | 5/6/99      | GW06399TE | MANGANESE  | 0.71   | UG/L  | B        | 0.05    | 1    | UJ    | TR1         | RCRA           | RNS     |
| 70193    | 5/6/99      | GW06399TE | MERCURY    | 0.1    | UG/L  | U        | 0.1     | 1    | V     | TR1         | RCRA           | RNS     |
| 70193    | 5/6/99      | GW06399TE | MOLYBDENUM | 0.3    | UG/L  | U        | 0.3     | 1    | V     | TR1         | RCRA           | RNS     |
| 70193    | 5/6/99      | GW06399TE | NICKEL     | 1.8    | UG/L  | B        | 0.3     | 1    | UJ    | TR1         | RCRA           | RNS     |
| 70193    | 5/6/99      | GW06399TE | POTASSIUM  | 38.2   | UG/L  | B        | 7       | 1    | UJ    | TR1         | RCRA           | RNS     |
| 70193    | 5/6/99      | GW06399TE | SELENIUM   | 1.2    | UG/L  | U        | 1.2     | 1    | J     | TR1         | RCRA           | RNS     |
| 70193    | 5/6/99      | GW06399TE | SILVER     | 0.35   | UG/L  | U        | 0.35    | 1    | V     | TR1         | RCRA           | RNS     |
| 70193    | 5/6/99      | GW06399TE | SODIUM     | 232    | UG/L  | B        | 1       | 1    | V     | TR1         | RCRA           | RNS     |
| 70193    | 5/6/99      | GW06399TE | STRONTIUM  | 2.6    | UG/L  | B        | 0.02    | 1    | V     | TR1         | RCRA           | RNS     |
| 70193    | 5/6/99      | GW06399TE | THALLIUM   | 0.88   | UG/L  | U        | 0.88    | 1    | V     | TR1         | RCRA           | RNS     |
| 70193    | 5/6/99      | GW06399TE | TIN        | 0.68   | UG/L  | U        | 0.68    | 1    | V     | TR1         | RCRA           | RNS     |
| 70193    | 5/6/99      | GW06399TE | VANADIUM   | 0.2    | UG/L  | U        | 0.2     | 1    | V     | TR1         | RCRA           | RNS     |
| 70193    | 5/6/99      | GW06399TE | ZINC       | 4.2    | UG/L  | B        | 0.12    | 1    | V     | TR1         | RCRA           | RNS     |
| 70393    | 5/18/99     | GW06400TE | ALUMINUM   | 11.8   | UG/L  | B        | 5       | 1    | J1    | TR1         | RCRA           | REAL    |
| 70393    | 5/18/99     | GW06400TE | ANTIMONY   | 0.48   | UG/L  | U        | 0.48    | 1    | V1    | TR1         | RCRA           | REAL    |
| 70393    | 5/18/99     | GW06400TE | ARSENIC    | 0.58   | UG/L  | U        | 0.58    | 1    | V1    | TR1         | RCRA           | REAL    |
| 70393    | 5/18/99     | GW06400TE | BARIUM     | 53.9   | UG/L  | B        | 0.05    | 1    | V1    | TR1         | RCRA           | REAL    |
| 70393    | 5/18/99     | GW06400TE | BERYLLIUM  | 0.02   | UG/L  | U        | 0.02    | 1    | J1    | TR1         | RCRA           | REAL    |
| 70393    | 5/18/99     | GW06400TE | CADMUM     | 0.31   | UG/L  | B        | 0.08    | 1    | V1    | TR1         | RCRA           | REAL    |
| 70393    | 5/18/99     | GW06400TE | CALCIUM    | 19100  | UG/L  |          | 2.9     | 1    | V1    | TR1         | RCRA           | REAL    |
| 70393    | 5/18/99     | GW06400TE | CHROMIUM   | 0.28   | UG/L  | B        | 0.15    | 1    | UJ1   | TR1         | RCRA           | REAL    |
| 70393    | 5/18/99     | GW06400TE | COBALT     | 0.18   | UG/L  | U        | 0.18    | 1    | J1    | TR1         | RCRA           | REAL    |
| 70393    | 5/18/99     | GW06400TE | COPPER     | 0.52   | UG/L  | B        | 0.25    | 1    | J1    | TR1         | RCRA           | REAL    |
| 70393    | 5/18/99     | GW06400TE | IRON       | 13.7   | UG/L  | B        | 4.8     | 1    | V1    | TR1         | RCRA           | REAL    |
| 70393    | 5/18/99     | GW06400TE | LEAD       | 0.72   | UG/L  | U        | 0.72    | 1    | V1    | TR1         | RCRA           | REAL    |
| 70393    | 5/18/99     | GW06400TE | LITHIUM    | 5.4    | UG/L  | B        | 0.05    | 1    | V1    | TR1         | RCRA           | REAL    |
| 70393    | 5/18/99     | GW06400TE | MAGNESIUM  | 3790   | UG/L  | B        | 7       | 1    | V1    | TR1         | RCRA           | REAL    |
| 70393    | 5/18/99     | GW06400TE | MANGANESE  | 1.3    | UG/L  | B        | 0.05    | 1    | V1    | TR1         | RCRA           | REAL    |
| 70393    | 5/18/99     | GW06400TE | MERCURY    | 0.1    | UG/L  | U        | 0.1     | 1    | V1    | TR1         | RCRA           | REAL    |
| 70393    | 5/18/99     | GW06400TE | MOLYBDENUM | 0.3    | UG/L  | U        | 0.3     | 1    | V1    | TR1         | RCRA           | REAL    |
| 70393    | 5/18/99     | GW06400TE | NICKEL     | 1.6    | UG/L  | B        | 0.3     | 1    | V1    | TR1         | RCRA           | REAL    |
| 70393    | 5/18/99     | GW06400TE | POTASSIUM  | 443    | UG/L  | B        | 7       | 1    | V1    | TR1         | RCRA           | REAL    |
| 70393    | 5/18/99     | GW06400TE | SELENIUM   | 1.2    | UG/L  | U        | 1.2     | 1    | V1    | TR1         | RCRA           | REAL    |
| 70393    | 5/18/99     | GW06400TE | SILVER     | 0.35   | UG/L  | U        | 0.35    | 1    | V1    | TR1         | RCRA           | REAL    |
| 70393    | 5/18/99     | GW06400TE | SODIUM     | 12200  | UG/L  |          | 4.4     | 1    | V1    | TR1         | RCRA           | REAL    |
| 70393    | 5/18/99     | GW06400TE | STRONTIUM  | 107    | UG/L  | B        | 0.02    | 1    | V1    | TR1         | RCRA           | REAL    |
| 70393    | 5/18/99     | GW06400TE | THALLIUM   | 0.88   | UG/L  | U        | 0.88    | 1    | V1    | TR1         | RCRA           | REAL    |
| 70393    | 5/18/99     | GW06400TE | TIN        | 0.68   | UG/L  | U        | 0.68    | 1    | V1    | TR1         | RCRA           | REAL    |

## Appendix A: Groundwater Analytical Data - Metals

Second Quarter 1999

| Location | Sample Date | Sample #  | Analyte    | Result | Units | Lab Qual | Det Lim | Dilu | Valid | Result Type | IMP Well Class | QC Type |
|----------|-------------|-----------|------------|--------|-------|----------|---------|------|-------|-------------|----------------|---------|
| 70393    | 5/18/99     | GW06400TE | VANADIUM   | 0.2    | UG/L  | U        | 0.2     | 1    | J1    | TR1         | RCRA           | REAL    |
| 70393    | 5/18/99     | GW06400TE | ZINC       | 3.5    | UG/L  | B        | 0.12    | 1    | V1    | TR1         | RCRA           | REAL    |
| 70393    | 5/18/99     | GW06400TE | ALUMINUM   | 5.7    | UG/L  | B        | 5       | 1    | 1     | TR2         | RCRA           | REAL    |
| 70393    | 5/18/99     | GW06400TE | ANTIMONY   | 0.61   | UG/L  | B        | 0.48    | 1    | 1     | TR2         | RCRA           | REAL    |
| 70393    | 5/18/99     | GW06400TE | ARSENIC    | 0.58   | UG/L  | U        | 0.58    | 1    | 1     | TR2         | RCRA           | REAL    |
| 70393    | 5/18/99     | GW06400TE | BARIUM     | 54.6   | UG/L  | B        | 0.05    | 1    | 1     | TR2         | RCRA           | REAL    |
| 70393    | 5/18/99     | GW06400TE | BERYLLIUM  | 0.02   | UG/L  | U        | 0.02    | 1    | 1     | TR2         | RCRA           | REAL    |
| 70393    | 5/18/99     | GW06400TE | CADMUM     | 0.08   | UG/L  | U        | 0.08    | 1    | 1     | TR2         | RCRA           | REAL    |
| 70393    | 5/18/99     | GW06400TE | CALCIUM    | 18900  | UG/L  |          | 2.9     | 1    | 1     | TR2         | RCRA           | REAL    |
| 70393    | 5/18/99     | GW06400TE | CHROMIUM   | 0.35   | UG/L  | B        | 0.15    | 1    | 1     | TR2         | RCRA           | REAL    |
| 70393    | 5/18/99     | GW06400TE | COBALT     | 0.18   | UG/L  | U        | 0.18    | 1    | 1     | TR2         | RCRA           | REAL    |
| 70393    | 5/18/99     | GW06400TE | COPPER     | 0.25   | UG/L  | U        | 0.25    | 1    | 1     | TR2         | RCRA           | REAL    |
| 70393    | 5/18/99     | GW06400TE | IRON       | 13.2   | UG/L  | B        | 4.8     | 1    | 1     | TR2         | RCRA           | REAL    |
| 70393    | 5/18/99     | GW06400TE | LEAD       | 0.72   | UG/L  | U        | 0.72    | 1    | 1     | TR2         | RCRA           | REAL    |
| 70393    | 5/18/99     | GW06400TE | LITHIUM    | 5.5    | UG/L  | B        | 0.05    | 1    | 1     | TR2         | RCRA           | REAL    |
| 70393    | 5/18/99     | GW06400TE | MAGNESIUM  | 3640   | UG/L  | B        | 7       | 1    | 1     | TR2         | RCRA           | REAL    |
| 70393    | 5/18/99     | GW06400TE | MANGANESE  | 1.3    | UG/L  | B        | 0.05    | 1    | 1     | TR2         | RCRA           | REAL    |
| 70393    | 5/18/99     | GW06400TE | MERCURY    | 0.1    | UG/L  | U        | 0.1     | 1    | 1     | TR2         | RCRA           | REAL    |
| 70393    | 5/18/99     | GW06400TE | MOLYBDENUM | 0.3    | UG/L  | U        | 0.3     | 1    | 1     | TR2         | RCRA           | REAL    |
| 70393    | 5/18/99     | GW06400TE | NICKEL     | 1.7    | UG/L  | B        | 0.3     | 1    | 1     | TR2         | RCRA           | REAL    |
| 70393    | 5/18/99     | GW06400TE | POTASSIUM  | 437    | UG/L  | B        | 7       | 1    | 1     | TR2         | RCRA           | REAL    |
| 70393    | 5/18/99     | GW06400TE | SELENIUM   | 1.2    | UG/L  | U        | 1.2     | 1    | 1     | TR2         | RCRA           | REAL    |
| 70393    | 5/18/99     | GW06400TE | SILVER     | 0.35   | UG/L  | U        | 0.35    | 1    | 1     | TR2         | RCRA           | REAL    |
| 70393    | 5/18/99     | GW06400TE | SODIUM     | 11200  | UG/L  |          | 4.4     | 1    | 1     | TR2         | RCRA           | REAL    |
| 70393    | 5/18/99     | GW06400TE | STRONTIUM  | 109    | UG/L  | B        | 0.02    | 1    | 1     | TR2         | RCRA           | REAL    |
| 70393    | 5/18/99     | GW06400TE | THALLIUM   | 0.88   | UG/L  | U        | 0.88    | 1    | 1     | TR2         | RCRA           | REAL    |
| 70393    | 5/18/99     | GW06400TE | TIN        | 0.68   | UG/L  | U        | 0.68    | 1    | 1     | TR2         | RCRA           | REAL    |
| 70393    | 5/18/99     | GW06400TE | VANADIUM   | 0.22   | UG/L  | B        | 0.2     | 1    | 1     | TR2         | RCRA           | REAL    |
| 70393    | 5/18/99     | GW06400TE | ZINC       | 3.3    | UG/L  | B        | 0.12    | 1    | 1     | TR2         | RCRA           | REAL    |
| 70393    | 5/18/99     | GW06401TE | ALUMINUM   | 5      | UG/L  | U        | 5       | 1    | J1    | TR1         | RCRA           | DUP     |
| 70393    | 5/18/99     | GW06401TE | ANTIMONY   | 0.48   | UG/L  | U        | 0.48    | 1    | V1    | TR1         | RCRA           | DUP     |
| 70393    | 5/18/99     | GW06401TE | ARSENIC    | 0.58   | UG/L  | U        | 0.58    | 1    | V1    | TR1         | RCRA           | DUP     |
| 70393    | 5/18/99     | GW06401TE | BARIUM     | 53.2   | UG/L  | B        | 0.05    | 1    | V1    | TR1         | RCRA           | DUP     |
| 70393    | 5/18/99     | GW06401TE | BERYLLIUM  | 0.02   | UG/L  | U        | 0.02    | 1    | J1    | TR1         | RCRA           | DUP     |
| 70393    | 5/18/99     | GW06401TE | CADMUM     | 0.08   | UG/L  | U        | 0.08    | 1    | V1    | TR1         | RCRA           | DUP     |
| 70393    | 5/18/99     | GW06401TE | CALCIUM    | 19700  | UG/L  |          | 2.9     | 1    | V1    | TR1         | RCRA           | DUP     |
| 70393    | 5/18/99     | GW06401TE | CHROMIUM   | 0.38   | UG/L  | B        | 0.15    | 1    | UJ1   | TR1         | RCRA           | DUP     |
| 70393    | 5/18/99     | GW06401TE | COBALT     | 0.18   | UG/L  | U        | 0.18    | 1    | J1    | TR1         | RCRA           | DUP     |
| 70393    | 5/18/99     | GW06401TE | COPPER     | 0.25   | UG/L  | U        | 0.25    | 1    | J1    | TR1         | RCRA           | DUP     |
| 70393    | 5/18/99     | GW06401TE | IRON       | 11     | UG/L  | B        | 4.8     | 1    | V1    | TR1         | RCRA           | DUP     |
| 70393    | 5/18/99     | GW06401TE | LEAD       | 0.72   | UG/L  | U        | 0.72    | 1    | V1    | TR1         | RCRA           | DUP     |
| 70393    | 5/18/99     | GW06401TE | LITHIUM    | 5.4    | UG/L  | B        | 0.05    | 1    | V1    | TR1         | RCRA           | DUP     |
| 70393    | 5/18/99     | GW06401TE | MAGNESIUM  | 3800   | UG/L  | B        | 7       | 1    | V1    | TR1         | RCRA           | DUP     |
| 70393    | 5/18/99     | GW06401TE | MANGANESE  | 1.3    | UG/L  | B        | 0.05    | 1    | V1    | TR1         | RCRA           | DUP     |
| 70393    | 5/18/99     | GW06401TE | MERCURY    | 0.1    | UG/L  | U        | 0.1     | 1    | V1    | TR1         | RCRA           | DUP     |
| 70393    | 5/18/99     | GW06401TE | MOLYBDENUM | 0.41   | UG/L  | B        | 0.3     | 1    | UJ1   | TR1         | RCRA           | DUP     |
| 70393    | 5/18/99     | GW06401TE | NICKEL     | 1.7    | UG/L  | B        | 0.3     | 1    | V1    | TR1         | RCRA           | DUP     |
| 70393    | 5/18/99     | GW06401TE | POTASSIUM  | 418    | UG/L  | B        | 7       | 1    | V1    | TR1         | RCRA           | DUP     |
| 70393    | 5/18/99     | GW06401TE | SELENIUM   | 1.2    | UG/L  | U        | 1.2     | 1    | V1    | TR1         | RCRA           | DUP     |
| 70393    | 5/18/99     | GW06401TE | SILVER     | 0.35   | UG/L  | U        | 0.35    | 1    | V1    | TR1         | RCRA           | DUP     |
| 70393    | 5/18/99     | GW06401TE | SODIUM     | 11800  | UG/L  |          | 4.4     | 1    | V1    | TR1         | RCRA           | DUP     |
| 70393    | 5/18/99     | GW06401TE | STRONTIUM  | 106    | UG/L  | B        | 0.02    | 1    | V1    | TR1         | RCRA           | DUP     |
| 70393    | 5/18/99     | GW06401TE | THALLIUM   | 0.88   | UG/L  | U        | 0.88    | 1    | V1    | TR1         | RCRA           | DUP     |
| 70393    | 5/18/99     | GW06401TE | TIN        | 0.68   | UG/L  | U        | 0.68    | 1    | V1    | TR1         | RCRA           | DUP     |
| 70393    | 5/18/99     | GW06401TE | VANADIUM   | 0.2    | UG/L  | U        | 0.2     | 1    | J1    | TR1         | RCRA           | DUP     |
| 70393    | 5/18/99     | GW06401TE | ZINC       | 5.1    | UG/L  | B        | 0.12    | 1    | V1    | TR1         | RCRA           | DUP     |
| 70493    | 4/20/99     | GW06403TE | ALUMINUM   | 11.4   | UG/L  | B        | 6.9     | 1    | UJ    | TR1         | RCRA           | REAL    |
| 70493    | 4/20/99     | GW06403TE | ANTIMONY   | 0.48   | UG/L  | U        | 0.48    | 1    | V     | TR1         | RCRA           | REAL    |
| 70493    | 4/20/99     | GW06403TE | ARSENIC    | 0.58   | UG/L  | U        | 0.58    | 1    | V     | TR1         | RCRA           | REAL    |
| 70493    | 4/20/99     | GW06403TE | BARIUM     | 92.5   | UG/L  | B        | 0.05    | 1    | V     | TR1         | RCRA           | REAL    |
| 70493    | 4/20/99     | GW06403TE | BERYLLIUM  | 0.04   | UG/L  | B        | 0.02    | 1    | UJ    | TR1         | RCRA           | REAL    |
| 70493    | 4/20/99     | GW06403TE | CADMUM     | 0.08   | UG/L  | B        | 0.08    | 1    | V     | TR1         | RCRA           | REAL    |
| 70493    | 4/20/99     | GW06403TE | CALCIUM    | 29900  | UG/L  |          | 4.1     | 1    | V     | TR1         | RCRA           | REAL    |
| 70493    | 4/20/99     | GW06403TE | CHROMIUM   | 0.36   | UG/L  | B        | 0.15    | 1    | UJ    | TR1         | RCRA           | REAL    |

## Appendix A: Groundwater Analytical Data - Metals

Second Quarter 1999

| Location  | Sample Date | Sample #  | Analyte    | Result | Units | Lab Qual | Det Lim | Dilu | Valid | Result Type | IMP Well Class   | QC Type |
|-----------|-------------|-----------|------------|--------|-------|----------|---------|------|-------|-------------|------------------|---------|
| 70493     | 4/20/99     | GW06403TE | COBALT     | 0.18   | UG/L  | U        | 0.18    | 1    | V     | TR1         | RCRA             | REAL    |
| 70493     | 4/20/99     | GW06403TE | COPPER     | 0.62   | UG/L  | B        | 0.25    | 1    | UJ    | TR1         | RCRA             | REAL    |
| 70493     | 4/20/99     | GW06403TE | IRON       | 9.9    | UG/L  | B        | 4.8     | 1    | UJ    | TR1         | RCRA             | REAL    |
| 70493     | 4/20/99     | GW06403TE | LEAD       | 1.1    | UG/L  | B        | 0.72    | 1    | V     | TR1         | RCRA             | REAL    |
| 70493     | 4/20/99     | GW06403TE | LITHIUM    | 14.8   | UG/L  | B        | 0.05    | 1    | J     | TR1         | RCRA             | REAL    |
| 70493     | 4/20/99     | GW06403TE | MAGNESIUM  | 6850   | UG/L  |          | 0.7     | 1    | V     | TR1         | RCRA             | REAL    |
| 70493     | 4/20/99     | GW06403TE | MANGANESE  | 0.46   | UG/L  | B        | 0.05    | 1    | V     | TR1         | RCRA             | REAL    |
| 70493     | 4/20/99     | GW06403TE | MERCURY    | 0.1    | UG/L  | U        | 0.1     | 1    | V     | TR1         | RCRA             | REAL    |
| 70493     | 4/20/99     | GW06403TE | MOLYBDENUM | 1.7    | UG/L  | B        | 0.3     | 1    | V     | TR1         | RCRA             | REAL    |
| 70493     | 4/20/99     | GW06403TE | NICKEL     | 0.3    | UG/L  | B        | 0.3     | 1    | V     | TR1         | RCRA             | REAL    |
| 70493     | 4/20/99     | GW06403TE | POTASSIUM  | 1450   | UG/L  | B        | 7       | 1    | J     | TR1         | RCRA             | REAL    |
| 70493     | 4/20/99     | GW06403TE | SELENIUM   | 1.4    | UG/L  | B        | 1.2     | 1    | V     | TR1         | RCRA             | REAL    |
| 70493     | 4/20/99     | GW06403TE | SILVER     | 0.35   | UG/L  | U        | 0.35    | 1    | V     | TR1         | RCRA             | REAL    |
| 70493     | 4/20/99     | GW06403TE | SODIUM     | 14600  | UG/L  |          | 4.4     | 1    | V     | TR1         | RCRA             | REAL    |
| 70493     | 4/20/99     | GW06403TE | STRONTIUM  | 212    | UG/L  |          | 0.02    | 1    | V     | TR1         | RCRA             | REAL    |
| 70493     | 4/20/99     | GW06403TE | THALLIUM   | 0.88   | UG/L  | U        | 0.88    | 1    | V     | TR1         | RCRA             | REAL    |
| 70493     | 4/20/99     | GW06403TE | TIN        | 0.68   | UG/L  | U        | 0.68    | 1    | V     | TR1         | RCRA             | REAL    |
| 70493     | 4/20/99     | GW06403TE | VANADIUM   | 0.52   | UG/L  | B        | 0.2     | 1    | V     | TR1         | RCRA             | REAL    |
| 70493     | 4/20/99     | GW06403TE | ZINC       | 7.5    | UG/L  | B        | 0.12    | 1    | V     | TR1         | RCRA             | REAL    |
| 77392     | 5/5/99      | GW06377TE | ALUMINUM   | 14.2   | UG/L  |          | 5       | 1    | J     | TR1         | Plume Definition | REAL    |
| 77392     | 5/5/99      | GW06377TE | ANTIMONY   | 1      | UG/L  | B        | 0.48    | 1    | UJ    | TR1         | Plume Definition | REAL    |
| 77392     | 5/5/99      | GW06377TE | ARSENIC    | 1      | UG/L  | B        | 0.58    | 1    | V     | TR1         | Plume Definition | REAL    |
| 77392     | 5/5/99      | GW06377TE | BARIUM     | 54.2   | UG/L  | B        | 0.05    | 1    | V     | TR1         | Plume Definition | REAL    |
| 77392     | 5/5/99      | GW06377TE | BERYLLIUM  | 0.02   | UG/L  | U        | 0.02    | 1    | J     | TR1         | Plume Definition | REAL    |
| 77392     | 5/5/99      | GW06377TE | CADMUM     | 0.46   | UG/L  | B        | 0.08    | 1    | UJ    | TR1         | Plume Definition | REAL    |
| 77392     | 5/5/99      | GW06377TE | CALCIUM    | 44400  | UG/L  |          | 4.1     | 1    | V     | TR1         | Plume Definition | REAL    |
| 77392     | 5/5/99      | GW06377TE | CHROMIUM   | 0.5    | UG/L  | B        | 0.15    | 1    | UJ    | TR1         | Plume Definition | REAL    |
| 77392     | 5/5/99      | GW06377TE | COBALT     | 0.42   | UG/L  | B        | 0.18    | 1    | UJ    | TR1         | Plume Definition | REAL    |
| 77392     | 5/5/99      | GW06377TE | COPPER     | 2.6    | UG/L  | B        | 0.25    | 1    | UJ    | TR1         | Plume Definition | REAL    |
| 77392     | 5/5/99      | GW06377TE | IRON       | 18.4   | UG/L  | B        | 4.8     | 1    | V     | TR1         | Plume Definition | REAL    |
| 77392     | 5/5/99      | GW06377TE | LEAD       | 0.72   | UG/L  | U        | 0.72    | 1    | J     | TR1         | Plume Definition | REAL    |
| 77392     | 5/5/99      | GW06377TE | LITHIUM    | 40.8   | UG/L  | B        | 0.05    | 1    | V     | TR1         | Plume Definition | REAL    |
| 77392     | 5/5/99      | GW06377TE | MAGNESIUM  | 63100  | UG/L  |          | 0.7     | 1    | V     | TR1         | Plume Definition | REAL    |
| 77392     | 5/5/99      | GW06377TE | MANGANESE  | 0.05   | UG/L  | U        | 0.05    | 1    | V     | TR1         | Plume Definition | REAL    |
| 77392     | 5/5/99      | GW06377TE | MERCURY    | 0.1    | UG/L  | U        | 0.1     | 1    | V     | TR1         | Plume Definition | REAL    |
| 77392     | 5/5/99      | GW06377TE | MOLYBDENUM | 21.2   | UG/L  | B        | 0.3     | 1    | V     | TR1         | Plume Definition | REAL    |
| 77392     | 5/5/99      | GW06377TE | NICKEL     | 1.2    | UG/L  | B        | 0.3     | 1    | UJ    | TR1         | Plume Definition | REAL    |
| 77392     | 5/5/99      | GW06377TE | POTASSIUM  | 2340   | UG/L  | B        | 7       | 1    | J     | TR1         | Plume Definition | REAL    |
| 77392     | 5/5/99      | GW06377TE | SELENIUM   | 33.9   | UG/L  |          | 1.2     | 1    | J     | TR1         | Plume Definition | REAL    |
| 77392     | 5/5/99      | GW06377TE | SILVER     | 0.35   | UG/L  | U        | 0.35    | 1    | V     | TR1         | Plume Definition | REAL    |
| 77392     | 5/5/99      | GW06377TE | SODIUM     | 169000 | UG/L  | B        | 20.5    | 20   | V     | TR1         | Plume Definition | REAL    |
| 77392     | 5/5/99      | GW06377TE | STRONTIUM  | 1430   | UG/L  |          | 0.02    | 1    | V     | TR1         | Plume Definition | REAL    |
| 77392     | 5/5/99      | GW06377TE | THALLIUM   | 0.88   | UG/L  | U        | 0.88    | 1    | V     | TR1         | Plume Definition | REAL    |
| 77392     | 5/5/99      | GW06377TE | TIN        | 0.68   | UG/L  | U        | 0.68    | 1    | V     | TR1         | Plume Definition | REAL    |
| 77392     | 5/5/99      | GW06377TE | VANADIUM   | 0.45   | UG/L  | B        | 0.2     | 1    | UJ    | TR1         | Plume Definition | REAL    |
| 77392     | 5/5/99      | GW06377TE | ZINC       | 10.5   | UG/L  | B        | 0.12    | 1    | V     | TR1         | Plume Definition | REAL    |
| 891COLGAL | 5/10/99     | GW06410TE | ALUMINUM   | 5      | UG/L  | U        | 5       | 1    | J1    | TR1         | Perf Monitoring  | REAL    |
| 891COLGAL | 5/10/99     | GW06410TE | ANTIMONY   | 0.77   | UG/L  | B        | 0.48    | 1    | UJ1   | TR1         | Perf Monitoring  | REAL    |
| 891COLGAL | 5/10/99     | GW06410TE | ARSENIC    | 6.4    | UG/L  |          | 0.58    | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| 891COLGAL | 5/10/99     | GW06410TE | BARIUM     | 160    | UG/L  |          | 0.05    | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| 891COLGAL | 5/10/99     | GW06410TE | BERYLLIUM  | 0.02   | UG/L  | U        | 0.02    | 1    | J1    | TR1         | Perf Monitoring  | REAL    |
| 891COLGAL | 5/10/99     | GW06410TE | CADMUM     | 1.5    | UG/L  |          | 0.08    | 1    | J1    | TR1         | Perf Monitoring  | REAL    |
| 891COLGAL | 5/10/99     | GW06410TE | CALCIUM    | 140000 | UG/L  |          | 14.6    | 5    | V1    | TR1         | Perf Monitoring  | REAL    |
| 891COLGAL | 5/10/99     | GW06410TE | CHROMIUM   | 0.34   | UG/L  | B        | 0.15    | 1    | UJ1   | TR1         | Perf Monitoring  | REAL    |
| 891COLGAL | 5/10/99     | GW06410TE | COBALT     | 0.18   | UG/L  | U        | 0.18    | 1    | J1    | TR1         | Perf Monitoring  | REAL    |
| 891COLGAL | 5/10/99     | GW06410TE | COPPER     | 1.5    | UG/L  | B        | 0.25    | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| 891COLGAL | 5/10/99     | GW06410TE | IRON       | 11.1   | UG/L  | B        | 4.8     | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| 891COLGAL | 5/10/99     | GW06410TE | LEAD       | 29.2   | UG/L  |          | 0.72    | 1    | J1    | TR1         | Perf Monitoring  | REAL    |
| 891COLGAL | 5/10/99     | GW06410TE | LITHIUM    | 24.1   | UG/L  | B        | 0.05    | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| 891COLGAL | 5/10/99     | GW06410TE | MAGNESIUM  | 33500  | UG/L  |          | 34.8    | 5    | V1    | TR1         | Perf Monitoring  | REAL    |
| 891COLGAL | 5/10/99     | GW06410TE | MANGANESE  | 0.7    | UG/L  | B        | 0.05    | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| 891COLGAL | 5/10/99     | GW06410TE | MERCURY    | 0.1    | UG/L  | U        | 0.1     | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| 891COLGAL | 5/10/99     | GW06410TE | MOLYBDENUM | 1.1    | UG/L  | B        | 0.3     | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| 891COLGAL | 5/10/99     | GW06410TE | NICKEL     | 3      | UG/L  | B        | 0.3     | 1    | J1    | TR1         | Perf Monitoring  | REAL    |

## Appendix A: Groundwater Analytical Data - Metals

Second Quarter 1999

| Location  | Sample Date | Sample #  | Analyte    | Result | Units | Lab Qual | Det Lim | Dilu | Valid | Result Type | IMP Well Class   | QC Type |
|-----------|-------------|-----------|------------|--------|-------|----------|---------|------|-------|-------------|------------------|---------|
| 891COLGAL | 5/10/99     | GW06410TE | POTASSIUM  | 1880   | UG/L  | B        | 7       | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| 891COLGAL | 5/10/99     | GW06410TE | SELENIUM   | 30.9   | UG/L  |          | 1.2     | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| 891COLGAL | 5/10/99     | GW06410TE | SILVER     | 0.35   | UG/L  | U        | 0.35    | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| 891COLGAL | 5/10/99     | GW06410TE | SODIUM     | 99900  | UG/L  |          | 21.9    | 5    | V1    | TR1         | Perf Monitoring  | REAL    |
| 891COLGAL | 5/10/99     | GW06410TE | STRONTIUM  | 976    | UG/L  |          | 0.02    | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| 891COLGAL | 5/10/99     | GW06410TE | THALLIUM   | 0.88   | UG/L  | U        | 0.88    | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| 891COLGAL | 5/10/99     | GW06410TE | TIN        | 0.68   | UG/L  | U        | 0.68    | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| 891COLGAL | 5/10/99     | GW06410TE | VANADIUM   | 1.1    | UG/L  | B        | 0.2     | 1    | J1    | TR1         | Perf Monitoring  | REAL    |
| 891COLGAL | 5/10/99     | GW06410TE | ZINC       | 83.8   | UG/L  |          | 0.12    | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| 891COLWEL | 5/11/99     | GW06409TE | ALUMINUM   | 5.4    | UG/L  | B        | 5       | 1    | J1    | TR1         | Perf Monitoring  | REAL    |
| 891COLWEL | 5/11/99     | GW06409TE | ANTIMONY   | 1.1    | UG/L  | B        | 0.48    | 1    | UJ1   | TR1         | Perf Monitoring  | REAL    |
| 891COLWEL | 5/11/99     | GW06409TE | ARSENIC    | 1.5    | UG/L  | B        | 0.58    | 1    | UJ1   | TR1         | Perf Monitoring  | REAL    |
| 891COLWEL | 5/11/99     | GW06409TE | BARIUM     | 61     | UG/L  | B        | 0.05    | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| 891COLWEL | 5/11/99     | GW06409TE | BERYLLIUM  | 0.02   | UG/L  | U        | 0.02    | 1    | J1    | TR1         | Perf Monitoring  | REAL    |
| 891COLWEL | 5/11/99     | GW06409TE | CADMUM     | 0.36   | UG/L  | B        | 0.08    | 1    | J1    | TR1         | Perf Monitoring  | REAL    |
| 891COLWEL | 5/11/99     | GW06409TE | CALCIUM    | 18800  | UG/L  |          | 14.6    | 5    | V1    | TR1         | Perf Monitoring  | REAL    |
| 891COLWEL | 5/11/99     | GW06409TE | CHROMIUM   | 0.39   | UG/L  | B        | 0.15    | 1    | UJ1   | TR1         | Perf Monitoring  | REAL    |
| 891COLWEL | 5/11/99     | GW06409TE | COBALT     | 0.49   | UG/L  | B        | 0.18    | 1    | J1    | TR1         | Perf Monitoring  | REAL    |
| 891COLWEL | 5/11/99     | GW06409TE | COPPER     | 1.2    | UG/L  | B        | 0.25    | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| 891COLWEL | 5/11/99     | GW06409TE | IRON       | 76.5   | UG/L  |          | 4.8     | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| 891COLWEL | 5/11/99     | GW06409TE | LEAD       | 5.9    | UG/L  |          | 0.72    | 1    | J1    | TR1         | Perf Monitoring  | REAL    |
| 891COLWEL | 5/11/99     | GW06409TE | LITHIUM    | 27.4   | UG/L  |          | 0.05    | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| 891COLWEL | 5/11/99     | GW06409TE | MAGNESIUM  | 38200  | UG/L  |          | 34.8    | 5    | V1    | TR1         | Perf Monitoring  | REAL    |
| 891COLWEL | 5/11/99     | GW06409TE | MANGANESE  | 8.2    | UG/L  | B        | 0.05    | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| 891COLWEL | 5/11/99     | GW06409TE | MERCURY    | 0.1    | UG/L  | U        | 0.1     | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| 891COLWEL | 5/11/99     | GW06409TE | MOLYBDENUM | 4.1    | UG/L  | B        | 0.3     | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| 891COLWEL | 5/11/99     | GW06409TE | NICKEL     | 72.2   | UG/L  | B        | 0.3     | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| 891COLWEL | 5/11/99     | GW06409TE | POTASSIUM  | 1110   | UG/L  | B        | 7       | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| 891COLWEL | 5/11/99     | GW06409TE | SELENIUM   | 556    | UG/L  | U        | 1.2     | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| 891COLWEL | 5/11/99     | GW06409TE | SILVER     | 0.35   | UG/L  | U        | 0.35    | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| 891COLWEL | 5/11/99     | GW06409TE | SODIUM     | 137000 | UG/L  |          | 21.9    | 5    | V1    | TR1         | Perf Monitoring  | REAL    |
| 891COLWEL | 5/11/99     | GW06409TE | STRONTIUM  | 1260   | UG/L  |          | 0.02    | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| 891COLWEL | 5/11/99     | GW06409TE | THALLIUM   | 0.88   | UG/L  | U        | 0.88    | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| 891COLWEL | 5/11/99     | GW06409TE | TIN        | 0.68   | UG/L  | U        | 0.68    | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| 891COLWEL | 5/11/99     | GW06409TE | VANADIUM   | 1.7    | UG/L  | B        | 0.2     | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| 891COLWEL | 5/11/99     | GW06409TE | ZINC       | 37.5   | UG/L  | B        | 0.12    | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| B208789   | 4/26/99     | GW06379TE | ALUMINUM   | 15.4   | UG/L  | B        | 6.9     | 1    | UJ1   | TR1         | Plume Extent     | REAL    |
| B208789   | 4/26/99     | GW06379TE | ANTIMONY   | 0.48   | UG/L  | U        | 0.48    | 1    | V1    | TR1         | Plume Extent     | REAL    |
| B208789   | 4/26/99     | GW06379TE | ARSENIC    | 1.7    | UG/L  | B        | 0.58    | 1    | V1    | TR1         | Plume Extent     | REAL    |
| B208789   | 4/26/99     | GW06379TE | BARIUM     | 57.3   | UG/L  | B        | 0.05    | 1    | V1    | TR1         | Plume Extent     | REAL    |
| B208789   | 4/26/99     | GW06379TE | BERYLLIUM  | 0.13   | UG/L  | B        | 0.02    | 1    | UJ1   | TR1         | Plume Extent     | REAL    |
| B208789   | 4/26/99     | GW06379TE | CADMUM     | 0.2    | UG/L  | B        | 0.08    | 1    | V1    | TR1         | Plume Extent     | REAL    |
| B208789   | 4/26/99     | GW06379TE | CALCIUM    | 159000 | UG/L  |          | 41      | 10   | V1    | TR1         | Plume Extent     | REAL    |
| B208789   | 4/26/99     | GW06379TE | CHROMIUM   | 0.75   | UG/L  | B        | 0.15    | 1    | UJ1   | TR1         | Plume Extent     | REAL    |
| B208789   | 4/26/99     | GW06379TE | COBALT     | 0.18   | UG/L  | U        | 0.18    | 1    | V1    | TR1         | Plume Extent     | REAL    |
| B208789   | 4/26/99     | GW06379TE | COPPER     | 1.6    | UG/L  | B        | 0.25    | 1    | UJ1   | TR1         | Plume Extent     | REAL    |
| B208789   | 4/26/99     | GW06379TE | IRON       | 12     | UG/L  | B        | 4.8     | 1    | UJ1   | TR1         | Plume Extent     | REAL    |
| B208789   | 4/26/99     | GW06379TE | LEAD       | 0.72   | UG/L  | U        | 0.72    | 1    | V1    | TR1         | Plume Extent     | REAL    |
| B208789   | 4/26/99     | GW06379TE | LITHIUM    | 22     | UG/L  | B        | 0.05    | 1    | J1    | TR1         | Plume Extent     | REAL    |
| B208789   | 4/26/99     | GW06379TE | MAGNESIUM  | 40500  | UG/L  |          | 0.7     | 1    | V1    | TR1         | Plume Extent     | REAL    |
| B208789   | 4/26/99     | GW06379TE | MANGANESE  | 128    | UG/L  |          | 0.05    | 1    | V1    | TR1         | Plume Extent     | REAL    |
| B208789   | 4/26/99     | GW06379TE | MERCURY    | 0.1    | UG/L  | U        | 0.1     | 1    | V1    | TR1         | Plume Extent     | REAL    |
| B208789   | 4/26/99     | GW06379TE | MOLYBDENUM | 0.74   | UG/L  | B        | 0.3     | 1    | V1    | TR1         | Plume Extent     | REAL    |
| B208789   | 4/26/99     | GW06379TE | NICKEL     | 3.8    | UG/L  | B        | 0.3     | 1    | V1    | TR1         | Plume Extent     | REAL    |
| B208789   | 4/26/99     | GW06379TE | POTASSIUM  | 839    | UG/L  | B        | 7       | 1    | J1    | TR1         | Plume Extent     | REAL    |
| B208789   | 4/26/99     | GW06379TE | SELENIUM   | 1.2    | UG/L  | U        | 1.2     | 1    | V1    | TR1         | Plume Extent     | REAL    |
| B208789   | 4/26/99     | GW06379TE | SILVER     | 0.35   | UG/L  | U        | 0.35    | 1    | V1    | TR1         | Plume Extent     | REAL    |
| B208789   | 4/26/99     | GW06379TE | SODIUM     | 136000 | UG/L  |          | 43.8    | 10   | V1    | TR1         | Plume Extent     | REAL    |
| B208789   | 4/26/99     | GW06379TE | STRONTIUM  | 1160   | UG/L  |          | 0.02    | 1    | V1    | TR1         | Plume Extent     | REAL    |
| B208789   | 4/26/99     | GW06379TE | THALLIUM   | 0.88   | UG/L  | U        | 0.88    | 1    | V1    | TR1         | Plume Extent     | REAL    |
| B208789   | 4/26/99     | GW06379TE | TIN        | 2.5    | UG/L  | B        | 0.68    | 1    | V1    | TR1         | Plume Extent     | REAL    |
| B208789   | 4/26/99     | GW06379TE | VANADIUM   | 0.3    | UG/L  | B        | 0.2     | 1    | V1    | TR1         | Plume Extent     | REAL    |
| B208789   | 4/26/99     | GW06379TE | ZINC       | 5.2    | UG/L  | B        | 0.12    | 1    | V1    | TR1         | Plume Extent     | REAL    |
| P209289   | 5/4/99      | GW06380TE | ALUMINUM   | 12.2   | UG/L  | B        | 5       | 1    | J     | TR1         | Plume Definition | REAL    |

## Appendix A: Groundwater Analytical Data - Metals

Second Quarter 1999

| Location | Sample Date | Sample #  | Analyte    | Result | Units | Lab Qual | Det Lim | Dilu | Valid | Result Type | IMP Well Class   | QC Type |
|----------|-------------|-----------|------------|--------|-------|----------|---------|------|-------|-------------|------------------|---------|
| P209289  | 5/4/99      | GW06380TE | ANTIMONY   | 0.48   | UG/L  | U        | 0.48    | 1    | V     | TR1         | Plume Definition | REAL    |
| P209289  | 5/4/99      | GW06380TE | ARSENIC    | 0.58   | UG/L  | U        | 0.58    | 1    | V     | TR1         | Plume Definition | REAL    |
| P209289  | 5/4/99      | GW06380TE | BARIUM     | 166    | UG/L  |          | 0.05    | 1    | V     | TR1         | Plume Definition | REAL    |
| P209289  | 5/4/99      | GW06380TE | BERYLLIUM  | 0.02   | UG/L  | U        | 0.02    | 1    | J     | TR1         | Plume Definition | REAL    |
| P209289  | 5/4/99      | GW06380TE | CADMUM     | 0.26   | UG/L  | B        | 0.08    | 1    | UJ    | TR1         | Plume Definition | REAL    |
| P209289  | 5/4/99      | GW06380TE | CALCIUM    | 148000 | UG/L  |          | 82      | 20   | V     | TR1         | Plume Definition | REAL    |
| P209289  | 5/4/99      | GW06380TE | CHROMIUM   | 1.1    | UG/L  | B        | 0.15    | 1    | UJ    | TR1         | Plume Definition | REAL    |
| P209289  | 5/4/99      | GW06380TE | COBALT     | 0.24   | UG/L  | B        | 0.18    | 1    | UJ    | TR1         | Plume Definition | REAL    |
| P209289  | 5/4/99      | GW06380TE | COPPER     | 1.7    | UG/L  | B        | 0.25    | 1    | UJ    | TR1         | Plume Definition | REAL    |
| P209289  | 5/4/99      | GW06380TE | IRON       | 21.3   | UG/L  | B        | 4.8     | 1    | V     | TR1         | Plume Definition | REAL    |
| P209289  | 5/4/99      | GW06380TE | LEAD       | 0.72   | UG/L  | U        | 0.72    | 1    | J     | TR1         | Plume Definition | REAL    |
| P209289  | 5/4/99      | GW06380TE | LITHIUM    | 6.8    | UG/L  | B        | 0.05    | 1    | V     | TR1         | Plume Definition | REAL    |
| P209289  | 5/4/99      | GW06380TE | MAGNESIUM  | 9580   | UG/L  |          | 0.7     | 1    | V     | TR1         | Plume Definition | REAL    |
| P209289  | 5/4/99      | GW06380TE | MANGANESE  | 17.1   | UG/L  |          | 0.05    | 1    | V     | TR1         | Plume Definition | REAL    |
| P209289  | 5/4/99      | GW06380TE | MERCURY    | 0.1    | UG/L  | U        | 0.1     | 1    | V     | TR1         | Plume Definition | REAL    |
| P209289  | 5/4/99      | GW06380TE | MOLYBDENUM | 1.1    | UG/L  | B        | 0.3     | 1    | V     | TR1         | Plume Definition | REAL    |
| P209289  | 5/4/99      | GW06380TE | NICKEL     | 10.2   | UG/L  | B        | 0.3     | 1    | UJ    | TR1         | Plume Definition | REAL    |
| P209289  | 5/4/99      | GW06380TE | POTASSIUM  | 1250   | UG/L  | B        | 7       | 1    | J     | TR1         | Plume Definition | REAL    |
| P209289  | 5/4/99      | GW06380TE | SELENIUM   | 1.5    | UG/L  | B        | 1.2     | 1    | J     | TR1         | Plume Definition | REAL    |
| P209289  | 5/4/99      | GW06380TE | SILVER     | 0.35   | UG/L  | U        | 0.35    | 1    | V     | TR1         | Plume Definition | REAL    |
| P209289  | 5/4/99      | GW06380TE | SODIUM     | 95500  | UG/L  | B        | 20.5    | 20   | V     | TR1         | Plume Definition | REAL    |
| P209289  | 5/4/99      | GW06380TE | STRONTIUM  | 324    | UG/L  |          | 0.02    | 1    | V     | TR1         | Plume Definition | REAL    |
| P209289  | 5/4/99      | GW06380TE | THALLIUM   | 0.88   | UG/L  | U        | 0.88    | 1    | V     | TR1         | Plume Definition | REAL    |
| P209289  | 5/4/99      | GW06380TE | TIN        | 0.68   | UG/L  | U        | 0.68    | 1    | V     | TR1         | Plume Definition | REAL    |
| P209289  | 5/4/99      | GW06380TE | VANADIUM   | 0.51   | UG/L  | B        | 0.2     | 1    | UJ    | TR1         | Plume Definition | REAL    |
| P209289  | 5/4/99      | GW06380TE | ZINC       | 11.4   | UG/L  | B        | 0.12    | 1    | V     | TR1         | Plume Definition | REAL    |
| P209489  | 5/12/99     | GW06381TE | ALUMINUM   | 6.4    | UG/L  | B        | 5       | 1    | J1    | TR1         | Plume Definition | REAL    |
| P209489  | 5/12/99     | GW06381TE | ANTIMONY   | 0.71   | UG/L  |          | 0.48    | 1    | UJ1   | TR1         | Plume Definition | REAL    |
| P209489  | 5/12/99     | GW06381TE | ARSENIC    | 0.58   | UG/L  | B        | 0.58    | 1    | V1    | TR1         | Plume Definition | REAL    |
| P209489  | 5/12/99     | GW06381TE | BARIUM     | 73.9   | UG/L  | B        | 0.05    | 1    | V1    | TR1         | Plume Definition | REAL    |
| P209489  | 5/12/99     | GW06381TE | BERYLLIUM  | 0.02   | UG/L  | U        | 0.02    | 1    | J1    | TR1         | Plume Definition | REAL    |
| P209489  | 5/12/99     | GW06381TE | CADMUM     | 0.35   | UG/L  | B        | 0.08    | 1    | J1    | TR1         | Plume Definition | REAL    |
| P209489  | 5/12/99     | GW06381TE | CALCIUM    | 151000 | UG/L  |          | 2.9     | 1    | V1    | TR1         | Plume Definition | REAL    |
| P209489  | 5/12/99     | GW06381TE | CHROMIUM   | 0.42   | UG/L  | B        | 0.15    | 1    | UJ1   | TR1         | Plume Definition | REAL    |
| P209489  | 5/12/99     | GW06381TE | COBALT     | 0.77   | UG/L  | B        | 0.18    | 1    | J1    | TR1         | Plume Definition | REAL    |
| P209489  | 5/12/99     | GW06381TE | COPPER     | 1.2    | UG/L  | B        | 0.25    | 1    | V1    | TR1         | Plume Definition | REAL    |
| P209489  | 5/12/99     | GW06381TE | IRON       | 7.6    | UG/L  |          | 4.8     | 1    | V1    | TR1         | Plume Definition | REAL    |
| P209489  | 5/12/99     | GW06381TE | LEAD       | 0.72   | UG/L  | U        | 0.72    | 1    | V1    | TR1         | Plume Definition | REAL    |
| P209489  | 5/12/99     | GW06381TE | LITHIUM    | 92.1   | UG/L  | B        | 0.05    | 1    | V1    | TR1         | Plume Definition | REAL    |
| P209489  | 5/12/99     | GW06381TE | MAGNESIUM  | 23900  | UG/L  | B        | 34.8    | 1    | V1    | TR1         | Plume Definition | REAL    |
| P209489  | 5/12/99     | GW06381TE | MANGANESE  | 1.9    | UG/L  | B        | 0.05    | 1    | V1    | TR1         | Plume Definition | REAL    |
| P209489  | 5/12/99     | GW06381TE | MERCURY    | 0.1    | UG/L  | U        | 0.1     | 1    | V1    | TR1         | Plume Definition | REAL    |
| P209489  | 5/12/99     | GW06381TE | MOLYBDENUM | 0.5    | UG/L  | B        | 0.3     | 1    | V1    | TR1         | Plume Definition | REAL    |
| P209489  | 5/12/99     | GW06381TE | NICKEL     | 6.9    | UG/L  | B        | 0.3     | 1    | J1    | TR1         | Plume Definition | REAL    |
| P209489  | 5/12/99     | GW06381TE | POTASSIUM  | 37000  | UG/L  | B        | 7       | 1    | V1    | TR1         | Plume Definition | REAL    |
| P209489  | 5/12/99     | GW06381TE | SELENIUM   | 1.2    | UG/L  | U        | 1.2     | 1    | V1    | TR1         | Plume Definition | REAL    |
| P209489  | 5/12/99     | GW06381TE | SILVER     | 0.35   | UG/L  | U        | 0.35    | 1    | V1    | TR1         | Plume Definition | REAL    |
| P209489  | 5/12/99     | GW06381TE | SODIUM     | 217000 | UG/L  |          | 21.9    | 10   | V1    | TR1         | Plume Definition | REAL    |
| P209489  | 5/12/99     | GW06381TE | STRONTIUM  | 653    | UG/L  |          | 0.02    | 1    | V1    | TR1         | Plume Definition | REAL    |
| P209489  | 5/12/99     | GW06381TE | THALLIUM   | 0.88   | UG/L  | U        | 0.88    | 1    | V1    | TR1         | Plume Definition | REAL    |
| P209489  | 5/12/99     | GW06381TE | TIN        | 0.68   | UG/L  | U        | 0.68    | 1    | V1    | TR1         | Plume Definition | REAL    |
| P209489  | 5/12/99     | GW06381TE | VANADIUM   | 0.2    | UG/L  | B        | 0.2     | 1    | J1    | TR1         | Plume Definition | REAL    |
| P209489  | 5/12/99     | GW06381TE | ZINC       | 6.2    | UG/L  | B        | 0.12    | 1    | V1    | TR1         | Plume Definition | REAL    |
| P218389  | 5/3/99      | GW06382TE | ALUMINUM   | 10.5   | UG/L  | B        | 5       | 1    | J     | TR1         | Plume Extent     | REAL    |
| P218389  | 5/3/99      | GW06382TE | ANTIMONY   | 0.75   | UG/L  | B        | 0.48    | 1    | UJ    | TR1         | Plume Extent     | REAL    |
| P218389  | 5/3/99      | GW06382TE | ARSENIC    | 0.58   | UG/L  | U        | 0.58    | 1    | V     | TR1         | Plume Extent     | REAL    |
| P218389  | 5/3/99      | GW06382TE | BARIUM     | 63.7   | UG/L  | B        | 0.05    | 1    | V     | TR1         | Plume Extent     | REAL    |
| P218389  | 5/3/99      | GW06382TE | BERYLLIUM  | 0.02   | UG/L  | U        | 0.02    | 1    | J     | TR1         | Plume Extent     | REAL    |
| P218389  | 5/3/99      | GW06382TE | CADMUM     | 0.23   | UG/L  | B        | 0.08    | 1    | UJ    | TR1         | Plume Extent     | REAL    |
| P218389  | 5/3/99      | GW06382TE | CALCIUM    | 52900  | UG/L  |          | 4.1     | 1    | V     | TR1         | Plume Extent     | REAL    |
| P218389  | 5/3/99      | GW06382TE | CHROMIUM   | 0.54   | UG/L  | B        | 0.15    | 1    | UJ    | TR1         | Plume Extent     | REAL    |
| P218389  | 5/3/99      | GW06382TE | COBALT     | 0.18   | UG/L  | U        | 0.18    | 1    | V     | TR1         | Plume Extent     | REAL    |
| P218389  | 5/3/99      | GW06382TE | COPPER     | 1.5    | UG/L  | B        | 0.25    | 1    | UJ    | TR1         | Plume Extent     | REAL    |
| P218389  | 5/3/99      | GW06382TE | IRON       | 16.4   | UG/L  | B        | 4.8     | 1    | V     | TR1         | Plume Extent     | REAL    |

## Appendix A: Groundwater Analytical Data - Metals

Second Quarter 1999

| Location | Sample Date | Sample #  | Analyte    | Result | Units | Lab Qual | Det Lim | Dilu | Valid | Result Type | IMP Well Class   | QC Type |
|----------|-------------|-----------|------------|--------|-------|----------|---------|------|-------|-------------|------------------|---------|
| P218389  | 5/3/99      | GW06382TE | LEAD       | 0.72   | UG/L  | U        | 0.72    | 1    | J     | TR1         | Plume Extent     | REAL    |
| P218389  | 5/3/99      | GW06382TE | LITHIUM    | 5.8    | UG/L  | B        | 0.05    | 1    | V     | TR1         | Plume Extent     | REAL    |
| P218389  | 5/3/99      | GW06382TE | MAGNESIUM  | 13600  | UG/L  |          | 0.7     | 1    | V     | TR1         | Plume Extent     | REAL    |
| P218389  | 5/3/99      | GW06382TE | MANGANESE  | 1.1    | UG/L  | B        | 0.05    | 1    | V     | TR1         | Plume Extent     | REAL    |
| P218389  | 5/3/99      | GW06382TE | MERCURY    | 0.1    | UG/L  | U        | 0.1     | 1    | V     | TR1         | Plume Extent     | REAL    |
| P218389  | 5/3/99      | GW06382TE | MOLYBDENUM | 0.56   | UG/L  | B        | 0.3     | 1    | V     | TR1         | Plume Extent     | REAL    |
| P218389  | 5/3/99      | GW06382TE | NICKEL     | 0.97   | UG/L  | B        | 0.3     | 1    | V     | TR1         | Plume Extent     | REAL    |
| P218389  | 5/3/99      | GW06382TE | POTASSIUM  | 299    | UG/L  | B        | 7       | 1    | J     | TR1         | Plume Extent     | REAL    |
| P218389  | 5/3/99      | GW06382TE | SELENIUM   | 4.3    | UG/L  |          | 1.2     | 1    | J     | TR1         | Plume Extent     | REAL    |
| P218389  | 5/3/99      | GW06382TE | SILVER     | 0.35   | UG/L  | U        | 0.35    | 1    | V     | TR1         | Plume Extent     | REAL    |
| P218389  | 5/3/99      | GW06382TE | SODIUM     | 31900  | UG/L  | B        | 20.5    | 20   | V     | TR1         | Plume Extent     | REAL    |
| P218389  | 5/3/99      | GW06382TE | STRONTIUM  | 329    | UG/L  |          | 0.02    | 1    | V     | TR1         | Plume Extent     | REAL    |
| P218389  | 5/3/99      | GW06382TE | THALLIUM   | 0.88   | UG/L  | U        | 0.88    | 1    | V     | TR1         | Plume Extent     | REAL    |
| P218389  | 5/3/99      | GW06382TE | TIN        | 2.2    | UG/L  | B        | 0.68    | 1    | UJ    | TR1         | Plume Extent     | REAL    |
| P218389  | 5/3/99      | GW06382TE | VANADIUM   | 0.33   | UG/L  | B        | 0.2     | 1    | UJ    | TR1         | Plume Extent     | REAL    |
| P218389  | 5/3/99      | GW06382TE | ZINC       | 11.7   | UG/L  | B        | 0.12    | 1    | V     | TR1         | Plume Extent     | REAL    |
| P219189  | 5/3/99      | GW06383TE | ALUMINUM   | 14     | UG/L  | B        | 5       | 1    | J     | TR1         | Plume Definition | REAL    |
| P219189  | 5/3/99      | GW06383TE | ANTIMONY   | 0.58   | UG/L  |          | 0.48    | 1    | UJ    | TR1         | Plume Definition | REAL    |
| P219189  | 5/3/99      | GW06383TE | ARSENIC    | 1.3    | UG/L  | B        | 0.58    | 1    | UJ    | TR1         | Plume Definition | REAL    |
| P219189  | 5/3/99      | GW06383TE | BARIUM     | 55     | UG/L  | B        | 0.05    | 1    | V     | TR1         | Plume Definition | REAL    |
| P219189  | 5/3/99      | GW06383TE | BERYLLIUM  | 0.02   | UG/L  | U        | 0.02    | 1    | J     | TR1         | Plume Definition | REAL    |
| P219189  | 5/3/99      | GW06383TE | CADMUM     | 0.81   | UG/L  | B        | 0.08    | 1    | V     | TR1         | Plume Definition | REAL    |
| P219189  | 5/3/99      | GW06383TE | CALCIUM    | 54000  | UG/L  |          | 2.9     | 1    | V     | TR1         | Plume Definition | REAL    |
| P219189  | 5/3/99      | GW06383TE | CHROMIUM   | 1.4    | UG/L  | B        | 0.15    | 1    | V     | TR1         | Plume Definition | REAL    |
| P219189  | 5/3/99      | GW06383TE | COBALT     | 0.71   | UG/L  | B        | 0.18    | 1    | J     | TR1         | Plume Definition | REAL    |
| P219189  | 5/3/99      | GW06383TE | COPPER     | 2.6    | UG/L  | B        | 0.25    | 1    | J     | TR1         | Plume Definition | REAL    |
| P219189  | 5/3/99      | GW06383TE | IRON       | 10.3   | UG/L  |          | 4.8     | 1    | V     | TR1         | Plume Definition | REAL    |
| P219189  | 5/3/99      | GW06383TE | LEAD       | 0.72   | UG/L  | U        | 0.72    | 1    | V     | TR1         | Plume Definition | REAL    |
| P219189  | 5/3/99      | GW06383TE | LITHIUM    | 112    | UG/L  |          | 0.05    | 1    | V     | TR1         | Plume Definition | REAL    |
| P219189  | 5/3/99      | GW06383TE | MAGNESIUM  | 23200  | UG/L  |          | 7       | 1    | V     | TR1         | Plume Definition | REAL    |
| P219189  | 5/3/99      | GW06383TE | MANGANESE  | 2.6    | UG/L  | B        | 0.05    | 1    | V     | TR1         | Plume Definition | REAL    |
| P219189  | 5/3/99      | GW06383TE | MERCURY    | 0.1    | UG/L  | U        | 0.1     | 1    | V     | TR1         | Plume Definition | REAL    |
| P219189  | 5/3/99      | GW06383TE | MOLYBDENUM | 13.8   | UG/L  | B        | 0.3     | 1    | V     | TR1         | Plume Definition | REAL    |
| P219189  | 5/3/99      | GW06383TE | NICKEL     | 4      | UG/L  | B        | 0.3     | 1    | J     | TR1         | Plume Definition | REAL    |
| P219189  | 5/3/99      | GW06383TE | POTASSIUM  | 1080   | UG/L  | B        | 7       | 1    | V     | TR1         | Plume Definition | REAL    |
| P219189  | 5/3/99      | GW06383TE | SELENIUM   | 1.2    | UG/L  | U        | 1.2     | 1    | V     | TR1         | Plume Definition | REAL    |
| P219189  | 5/3/99      | GW06383TE | SILVER     | 0.35   | UG/L  | U        | 0.35    | 1    | V     | TR1         | Plume Definition | REAL    |
| P219189  | 5/3/99      | GW06383TE | SODIUM     | 547000 | UG/L  |          | 43.8    | 10   | V     | TR1         | Plume Definition | REAL    |
| P219189  | 5/3/99      | GW06383TE | STRONTIUM  | 652    | UG/L  |          | 0.02    | 1    | V     | TR1         | Plume Definition | REAL    |
| P219189  | 5/3/99      | GW06383TE | THALLIUM   | 0.88   | UG/L  | U        | 0.88    | 1    | V     | TR1         | Plume Definition | REAL    |
| P219189  | 5/3/99      | GW06383TE | TIN        | 0.68   | UG/L  | U        | 0.68    | 1    | V     | TR1         | Plume Definition | REAL    |
| P219189  | 5/3/99      | GW06383TE | VANADIUM   | 1.1    | UG/L  | B        | 0.2     | 1    | J     | TR1         | Plume Definition | REAL    |
| P219189  | 5/3/99      | GW06383TE | ZINC       | 11.7   | UG/L  | B        | 0.12    | 1    | V     | TR1         | Plume Definition | REAL    |
| P219489  | 5/4/99      | GW06384TE | ALUMINUM   | 5      | UG/L  | U        | 5       | 1    | J     | TR1         | Plume Extent     | REAL    |
| P219489  | 5/4/99      | GW06384TE | ANTIMONY   | 0.74   | UG/L  | B        | 0.48    | 1    | UJ    | TR1         | Plume Extent     | REAL    |
| P219489  | 5/4/99      | GW06384TE | ARSENIC    | 0.58   | UG/L  | U        | 0.58    | 1    | V     | TR1         | Plume Extent     | REAL    |
| P219489  | 5/4/99      | GW06384TE | BARIUM     | 105    | UG/L  |          | 0.05    | 1    | V     | TR1         | Plume Extent     | REAL    |
| P219489  | 5/4/99      | GW06384TE | BERYLLIUM  | 0.02   | UG/L  | U        | 0.02    | 1    | J     | TR1         | Plume Extent     | REAL    |
| P219489  | 5/4/99      | GW06384TE | CADMUM     | 0.93   | UG/L  | B        | 0.08    | 1    | V     | TR1         | Plume Extent     | REAL    |
| P219489  | 5/4/99      | GW06384TE | CALCIUM    | 75800  | UG/L  |          | 2.9     | 1    | V     | TR1         | Plume Extent     | REAL    |
| P219489  | 5/4/99      | GW06384TE | CHROMIUM   | 1.5    | UG/L  | B        | 0.15    | 1    | V     | TR1         | Plume Extent     | REAL    |
| P219489  | 5/4/99      | GW06384TE | COBALT     | 0.47   | UG/L  | B        | 0.18    | 1    | J     | TR1         | Plume Extent     | REAL    |
| P219489  | 5/4/99      | GW06384TE | COPPER     | 1.2    | UG/L  | B        | 0.25    | 1    | J     | TR1         | Plume Extent     | REAL    |
| P219489  | 5/4/99      | GW06384TE | IRON       | 9.8    | UG/L  | B        | 4.8     | 1    | V     | TR1         | Plume Extent     | REAL    |
| P219489  | 5/4/99      | GW06384TE | LEAD       | 0.72   | UG/L  | U        | 0.72    | 1    | V     | TR1         | Plume Extent     | REAL    |
| P219489  | 5/4/99      | GW06384TE | LITHIUM    | 28.3   | UG/L  | B        | 0.05    | 1    | V     | TR1         | Plume Extent     | REAL    |
| P219489  | 5/4/99      | GW06384TE | MAGNESIUM  | 15300  | UG/L  |          | 7       | 1    | V     | TR1         | Plume Extent     | REAL    |
| P219489  | 5/4/99      | GW06384TE | MANGANESE  | 2      | UG/L  | B        | 0.05    | 1    | V     | TR1         | Plume Extent     | REAL    |
| P219489  | 5/4/99      | GW06384TE | MERCURY    | 0.1    | UG/L  | U        | 0.1     | 1    | V     | TR1         | Plume Extent     | REAL    |
| P219489  | 5/4/99      | GW06384TE | MOLYBDENUM | 6.7    | UG/L  | B        | 0.3     | 1    | V     | TR1         | Plume Extent     | REAL    |
| P219489  | 5/4/99      | GW06384TE | NICKEL     | 1.6    | UG/L  | B        | 0.3     | 1    | J     | TR1         | Plume Extent     | REAL    |
| P219489  | 5/4/99      | GW06384TE | POTASSIUM  | 1840   | UG/L  | B        | 7       | 1    | V     | TR1         | Plume Extent     | REAL    |
| P219489  | 5/4/99      | GW06384TE | SELENIUM   | 7      | UG/L  |          | 1.2     | 1    | J     | TR1         | Plume Extent     | REAL    |
| P219489  | 5/4/99      | GW06384TE | SILVER     | 0.35   | UG/L  | U        | 0.35    | 1    | V     | TR1         | Plume Extent     | REAL    |

## Appendix A: Groundwater Analytical Data - Metals

Second Quarter 1999

| Location | Sample Date | Sample #  | Analyte    | Result | Units | Lab Qual | Det Lim | Dilu | Valid | Result Type | IMP Well Class   | QC Type |
|----------|-------------|-----------|------------|--------|-------|----------|---------|------|-------|-------------|------------------|---------|
| P219489  | 5/4/99      | GW06384TE | SODIUM     | 30200  | UG/L  |          | 4.4     | 1    | V     | TR1         | Plume Extent     | REAL    |
| P219489  | 5/4/99      | GW06384TE | STRONTIUM  | 498    | UG/L  |          | 0.02    | 1    | V     | TR1         | Plume Extent     | REAL    |
| P219489  | 5/4/99      | GW06384TE | THALLIUM   | 0.88   | UG/L  | U        | 0.88    | 1    | V     | TR1         | Plume Extent     | REAL    |
| P219489  | 5/4/99      | GW06384TE | TIN        | 0.68   | UG/L  | U        | 0.68    | 1    | V     | TR1         | Plume Extent     | REAL    |
| P219489  | 5/4/99      | GW06384TE | VANADIUM   | 0.72   | UG/L  | B        | 0.2     | 1    | J     | TR1         | Plume Extent     | REAL    |
| P219489  | 5/4/99      | GW06384TE | ZINC       | 24.9   | UG/L  |          | 0.12    | 1    | V     | TR1         | Plume Extent     | REAL    |
| P416689  | 4/26/99     | GW06385TE | ALUMINUM   | 6.9    | UG/L  | U        | 6.9     | 1    | V1    | TR1         | Plume Extent     | REAL    |
| P416689  | 4/26/99     | GW06385TE | ANTIMONY   | 0.55   | UG/L  | B        | 0.48    | 1    | UJ1   | TR1         | Plume Extent     | REAL    |
| P416689  | 4/26/99     | GW06385TE | ARSENIC    | 0.79   | UG/L  | B        | 0.58    | 1    | V1    | TR1         | Plume Extent     | REAL    |
| P416689  | 4/26/99     | GW06385TE | BARIUM     | 125    | UG/L  |          | 0.05    | 1    | V1    | TR1         | Plume Extent     | REAL    |
| P416689  | 4/26/99     | GW06385TE | BERYLLIUM  | 0.05   | UG/L  | B        | 0.02    | 1    | UJ1   | TR1         | Plume Extent     | REAL    |
| P416689  | 4/26/99     | GW06385TE | CADMUM     | 0.58   | UG/L  | B        | 0.08    | 1    | V1    | TR1         | Plume Extent     | REAL    |
| P416689  | 4/26/99     | GW06385TE | CALCIUM    | 93300  | UG/L  |          | 4.1     | 1    | V1    | TR1         | Plume Extent     | REAL    |
| P416689  | 4/26/99     | GW06385TE | CHROMIUM   | 2.6    | UG/L  |          | 0.15    | 1    | V1    | TR1         | Plume Extent     | REAL    |
| P416689  | 4/26/99     | GW06385TE | COBALT     | 0.18   | UG/L  | U        | 0.18    | 1    | V1    | TR1         | Plume Extent     | REAL    |
| P416689  | 4/26/99     | GW06385TE | COPPER     | 1      | UG/L  | B        | 0.25    | 1    | UJ1   | TR1         | Plume Extent     | REAL    |
| P416689  | 4/26/99     | GW06385TE | IRON       | 13.7   | UG/L  | B        | 4.8     | 1    | UJ1   | TR1         | Plume Extent     | REAL    |
| P416689  | 4/26/99     | GW06385TE | LEAD       | 0.72   | UG/L  | U        | 0.72    | 1    | V1    | TR1         | Plume Extent     | REAL    |
| P416689  | 4/26/99     | GW06385TE | LITHIUM    | 10.1   | UG/L  | B        | 0.05    | 1    | J1    | TR1         | Plume Extent     | REAL    |
| P416689  | 4/26/99     | GW06385TE | MAGNESIUM  | 15600  | UG/L  |          | 0.7     | 1    | V1    | TR1         | Plume Extent     | REAL    |
| P416689  | 4/26/99     | GW06385TE | MANGANESE  | 1.8    | UG/L  | B        | 0.05    | 1    | V1    | TR1         | Plume Extent     | REAL    |
| P416689  | 4/26/99     | GW06385TE | MERCURY    | 0.1    | UG/L  | U        | 0.1     | 1    | V1    | TR1         | Plume Extent     | REAL    |
| P416689  | 4/26/99     | GW06385TE | MOLYBDENUM | 9.2    | UG/L  | B        | 0.3     | 1    | V1    | TR1         | Plume Extent     | REAL    |
| P416689  | 4/26/99     | GW06385TE | NICKEL     | 155    | UG/L  |          | 0.3     | 1    | V1    | TR1         | Plume Extent     | REAL    |
| P416689  | 4/26/99     | GW06385TE | POTASSIUM  | 1990   | UG/L  | B        | 7       | 1    | J1    | TR1         | Plume Extent     | REAL    |
| P416689  | 4/26/99     | GW06385TE | SELENIUM   | 1.3    | UG/L  | B        | 1.2     | 1    | V1    | TR1         | Plume Extent     | REAL    |
| P416689  | 4/26/99     | GW06385TE | SILVER     | 0.35   | UG/L  | U        | 0.35    | 1    | V1    | TR1         | Plume Extent     | REAL    |
| P416689  | 4/26/99     | GW06385TE | SODIUM     | 54400  | UG/L  |          | 21.9    | 1    | V1    | TR1         | Plume Extent     | REAL    |
| P416689  | 4/26/99     | GW06385TE | STRONTIUM  | 530    | UG/L  |          | 0.02    | 1    | V1    | TR1         | Plume Extent     | REAL    |
| P416689  | 4/26/99     | GW06385TE | THALLIUM   | 0.88   | UG/L  | U        | 0.88    | 1    | V1    | TR1         | Plume Extent     | REAL    |
| P416689  | 4/26/99     | GW06385TE | TIN        | 0.68   | UG/L  | U        | 0.68    | 1    | V1    | TR1         | Plume Extent     | REAL    |
| P416689  | 4/26/99     | GW06385TE | VANADIUM   | 0.59   | UG/L  | B        | 0.2     | 1    | V1    | TR1         | Plume Extent     | REAL    |
| P416689  | 4/26/99     | GW06385TE | ZINC       | 9.3    | UG/L  | B        | 0.12    | 1    | V1    | TR1         | Plume Extent     | REAL    |
| P416789  | 4/26/99     | GW06386TE | ALUMINUM   | 9.3    | UG/L  | B        | 6.9     | 1    | UJ1   | TR1         | Plume Definition | REAL    |
| P416789  | 4/26/99     | GW06386TE | ANTIMONY   | 0.48   | UG/L  | U        | 0.48    | 1    | V1    | TR1         | Plume Definition | REAL    |
| P416789  | 4/26/99     | GW06386TE | ARSENIC    | 0.58   | UG/L  | U        | 0.58    | 1    | V1    | TR1         | Plume Definition | REAL    |
| P416789  | 4/26/99     | GW06386TE | BARIUM     | 241    | UG/L  |          | 0.05    | 1    | V1    | TR1         | Plume Definition | REAL    |
| P416789  | 4/26/99     | GW06386TE | BERYLLIUM  | 0.06   | UG/L  | B        | 0.02    | 1    | UJ1   | TR1         | Plume Definition | REAL    |
| P416789  | 4/26/99     | GW06386TE | CADMUM     | 0.14   | UG/L  | B        | 0.08    | 1    | V1    | TR1         | Plume Definition | REAL    |
| P416789  | 4/26/99     | GW06386TE | CALCIUM    | 120000 | UG/L  |          | 4.1     | 1    | V1    | TR1         | Plume Definition | REAL    |
| P416789  | 4/26/99     | GW06386TE | CHROMIUM   | 0.5    | UG/L  | B        | 0.15    | 1    | UJ1   | TR1         | Plume Definition | REAL    |
| P416789  | 4/26/99     | GW06386TE | COBALT     | 0.18   | UG/L  | U        | 0.18    | 1    | V1    | TR1         | Plume Definition | REAL    |
| P416789  | 4/26/99     | GW06386TE | COPPER     | 0.82   | UG/L  | B        | 0.25    | 1    | UJ1   | TR1         | Plume Definition | REAL    |
| P416789  | 4/26/99     | GW06386TE | IRON       | 11.3   | UG/L  | B        | 4.8     | 1    | UJ1   | TR1         | Plume Definition | REAL    |
| P416789  | 4/26/99     | GW06386TE | LEAD       | 0.72   | UG/L  | U        | 0.72    | 1    | V1    | TR1         | Plume Definition | REAL    |
| P416789  | 4/26/99     | GW06386TE | LITHIUM    | 6.9    | UG/L  | B        | 0.05    | 1    | J1    | TR1         | Plume Definition | REAL    |
| P416789  | 4/26/99     | GW06386TE | MAGNESIUM  | 16000  | UG/L  |          | 0.7     | 1    | V1    | TR1         | Plume Definition | REAL    |
| P416789  | 4/26/99     | GW06386TE | MANGANESE  | 0.77   | UG/L  | B        | 0.05    | 1    | UJ1   | TR1         | Plume Definition | REAL    |
| P416789  | 4/26/99     | GW06386TE | MERCURY    | 0.1    | UG/L  | U        | 0.1     | 1    | V1    | TR1         | Plume Definition | REAL    |
| P416789  | 4/26/99     | GW06386TE | MOLYBDENUM | 1.4    | UG/L  | B        | 0.3     | 1    | V1    | TR1         | Plume Definition | REAL    |
| P416789  | 4/26/99     | GW06386TE | NICKEL     | 0.56   | UG/L  | B        | 0.3     | 1    | V1    | TR1         | Plume Definition | REAL    |
| P416789  | 4/26/99     | GW06386TE | POTASSIUM  | 1070   | UG/L  | B        | 7       | 1    | J1    | TR1         | Plume Definition | REAL    |
| P416789  | 4/26/99     | GW06386TE | SELENIUM   | 1.2    | UG/L  | U        | 1.2     | 1    | V1    | TR1         | Plume Definition | REAL    |
| P416789  | 4/26/99     | GW06386TE | SILVER     | 0.35   | UG/L  | U        | 0.35    | 1    | V1    | TR1         | Plume Definition | REAL    |
| P416789  | 4/26/99     | GW06386TE | SODIUM     | 12400  | UG/L  |          | 4.4     | 1    | V1    | TR1         | Plume Definition | REAL    |
| P416789  | 4/26/99     | GW06386TE | STRONTIUM  | 547    | UG/L  |          | 0.02    | 1    | V1    | TR1         | Plume Definition | REAL    |
| P416789  | 4/26/99     | GW06386TE | THALLIUM   | 0.88   | UG/L  | U        | 0.88    | 1    | V1    | TR1         | Plume Definition | REAL    |
| P416789  | 4/26/99     | GW06386TE | TIN        | 0.68   | UG/L  | U        | 0.68    | 1    | V1    | TR1         | Plume Definition | REAL    |
| P416789  | 4/26/99     | GW06386TE | VANADIUM   | 0.43   | UG/L  | B        | 0.2     | 1    | V1    | TR1         | Plume Definition | REAL    |
| P416789  | 4/26/99     | GW06386TE | ZINC       | 6.8    | UG/L  | B        | 0.12    | 1    | V1    | TR1         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | ALUMINUM   | 5      | UG/L  | U        | 5       | 1    | J1    | TR1         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | ANTIMONY   | 0.5    | UG/L  | B        | 0.48    | 1    | UJ1   | TR1         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | ARSENIC    | 0.58   | UG/L  | U        | 0.58    | 1    | V1    | TR1         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | BARIUM     | 147    | UG/L  |          | 0.05    | 1    | V1    | TR1         | Plume Definition | REAL    |

## Appendix A: Groundwater Analytical Data - Metals

Second Quarter 1999

| Location | Sample Date | Sample #  | Analyte    | Result | Units | Lab Qual | Det Lim | Dilu | Valid | Result Type | IMP Well Class   | QC Type |
|----------|-------------|-----------|------------|--------|-------|----------|---------|------|-------|-------------|------------------|---------|
| P416889  | 5/17/99     | GW06387TE | BERYLLIUM  | 0.02   | UG/L  | U        | 0.02    | 1    | J1    | TR1         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | CADMIUM    | 0.08   | UG/L  | U        | 0.08    | 1    | V1    | TR1         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | CALCIUM    | 80600  | UG/L  |          | 2.9     | 1    | V1    | TR1         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | CHROMIUM   | 27.9   | UG/L  |          | 0.15    | 1    | V1    | TR1         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | COBALT     | 0.18   | UG/L  | U        | 0.18    | 1    | J1    | TR1         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | COPPER     | 0.74   | UG/L  | B        | 0.25    | 1    | J1    | TR1         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | IRON       | 11.3   | UG/L  | B        | 4.8     | 1    | V1    | TR1         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | LEAD       | 0.72   | UG/L  | U        | 0.72    | 1    | V1    | TR1         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | LITHIUM    | 8.3    | UG/L  | B        | 0.05    | 1    | V1    | TR1         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | MAGNESIUM  | 10400  | UG/L  |          | 7       | 1    | V1    | TR1         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | MANGANESE  | 0.24   | UG/L  | B        | 0.05    | 1    | V1    | TR1         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | MERCURY    | 0.1    | UG/L  | U        | 0.1     | 1    | V1    | TR1         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | MOLYBDENUM | 1.1    | UG/L  | B        | 0.3     | 1    | UJ1   | TR1         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | NICKEL     | 3.7    | UG/L  | B        | 0.3     | 1    | V1    | TR1         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | POTASSIUM  | 987    | UG/L  |          | 7       | 1    | V1    | TR1         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | SELENIUM   | 3      | UG/L  |          | 1.2     | 1    | J1    | TR1         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | SILVER     | 0.35   | UG/L  | U        | 0.35    | 1    | V1    | TR1         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | SODIUM     | 15600  | UG/L  |          | 4.4     | 1    | V1    | TR1         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | STRONTIUM  | 365    | UG/L  |          | 0.02    | 1    | V1    | TR1         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | THALLIUM   | 0.88   | UG/L  | U        | 0.88    | 1    | V1    | TR1         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | TIN        | 0.68   | UG/L  | U        | 0.68    | 1    | V1    | TR1         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | VANADIUM   | 0.23   | UG/L  | B        | 0.2     | 1    | J1    | TR1         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | ZINC       | 4.1    | UG/L  | B        | 0.12    | 1    | V1    | TR1         | Plume Definition | REAL    |
| SW13494  | 5/10/99     | GW06408TE | ALUMINUM   | 9.7    | UG/L  | B        | 5       | 1    | J1    | TR1         | Perf Monitoring  | REAL    |
| SW13494  | 5/10/99     | GW06408TE | ANTIMONY   | 0.52   | UG/L  | B        | 0.48    | 1    | UJ1   | TR1         | Perf Monitoring  | REAL    |
| SW13494  | 5/10/99     | GW06408TE | ARSENIC    | 0.9    | UG/L  | B        | 0.58    | 1    | UJ1   | TR1         | Perf Monitoring  | REAL    |
| SW13494  | 5/10/99     | GW06408TE | BARIUM     | 158    | UG/L  |          | 0.05    | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| SW13494  | 5/10/99     | GW06408TE | BERYLLIUM  | 0.02   | UG/L  | U        | 0.02    | 1    | J1    | TR1         | Perf Monitoring  | REAL    |
| SW13494  | 5/10/99     | GW06408TE | CADMIUM    | 0.08   | UG/L  | U        | 0.08    | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| SW13494  | 5/10/99     | GW06408TE | CALCIUM    | 99800  | UG/L  |          | 2.9     | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| SW13494  | 5/10/99     | GW06408TE | CHROMIUM   | 1.4    | UG/L  | B        | 0.15    | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| SW13494  | 5/10/99     | GW06408TE | COBALT     | 0.18   | UG/L  | U        | 0.18    | 1    | J1    | TR1         | Perf Monitoring  | REAL    |
| SW13494  | 5/10/99     | GW06408TE | COPPER     | 0.72   | UG/L  | B        | 0.25    | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| SW13494  | 5/10/99     | GW06408TE | IRON       | 15.1   | UG/L  | B        | 4.8     | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| SW13494  | 5/10/99     | GW06408TE | LEAD       | 0.72   | UG/L  | U        | 0.72    | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| SW13494  | 5/10/99     | GW06408TE | LITHIUM    | 15.1   | UG/L  | B        | 0.05    | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| SW13494  | 5/10/99     | GW06408TE | MAGNESIUM  | 22100  | UG/L  |          | 7       | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| SW13494  | 5/10/99     | GW06408TE | MANGANESE  | 0.88   | UG/L  | B        | 0.05    | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| SW13494  | 5/10/99     | GW06408TE | MERCURY    | 0.1    | UG/L  | U        | 0.1     | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| SW13494  | 5/10/99     | GW06408TE | MOLYBDENUM | 3.4    | UG/L  | B        | 0.3     | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| SW13494  | 5/10/99     | GW06408TE | NICKEL     | 0.47   | UG/L  | B        | 0.3     | 1    | J1    | TR1         | Perf Monitoring  | REAL    |
| SW13494  | 5/10/99     | GW06408TE | POTASSIUM  | 4550   | UG/L  | B        | 7       | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| SW13494  | 5/10/99     | GW06408TE | SELENIUM   | 4.2    | UG/L  |          | 1.2     | 1    | J1    | TR1         | Perf Monitoring  | REAL    |
| SW13494  | 5/10/99     | GW06408TE | SILVER     | 0.35   | UG/L  | U        | 0.35    | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| SW13494  | 5/10/99     | GW06408TE | SODIUM     | 52500  | UG/L  |          | 43.8    | 10   | V1    | TR1         | Perf Monitoring  | REAL    |
| SW13494  | 5/10/99     | GW06408TE | STRONTIUM  | 705    | UG/L  |          | 0.02    | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| SW13494  | 5/10/99     | GW06408TE | THALLIUM   | 0.88   | UG/L  | U        | 0.88    | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| SW13494  | 5/10/99     | GW06408TE | TIN        | 0.68   | UG/L  | U        | 0.68    | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| SW13494  | 5/10/99     | GW06408TE | VANADIUM   | 1.3    | UG/L  | B        | 0.2     | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| SW13494  | 5/10/99     | GW06408TE | ZINC       | 42.3   | UG/L  |          | 0.12    | 1    | V1    | TR1         | Perf Monitoring  | REAL    |

## Appendix A: Groundwater Analytical Data - Radionuclides

Second Quarter 1999

| Location | Sample Date | Sample #  | Analyte           | Result    | Units | Lab Qual | Det Lim  | Sigma Error | Valid | Result Type | IMP Well Class  | QC Type |
|----------|-------------|-----------|-------------------|-----------|-------|----------|----------|-------------|-------|-------------|-----------------|---------|
| 00397    | 5/5/99      | GW06321TE | TRITIUM           | -164.6721 | PCI/L | U        | 265.0503 | 159.7279    | V1    | TR1         | Plume Extent    | REAL    |
| 00397    | 5/5/99      | GW06321TE | URANIUM-233,-234  | 14.1016   | PCI/L | J        | 0.1364   | 1.0086      | V1    | TR1         | Plume Extent    | REAL    |
| 00397    | 5/5/99      | GW06321TE | URANIUM-235       | 0.4799    | PCI/L | J        | 0.1113   | 0.1878      | V1    | TR1         | Plume Extent    | REAL    |
| 00397    | 5/5/99      | GW06321TE | URANIUM-238       | 9.8586    | PCI/L | J        | 0.0936   | 0.8429      | V1    | TR1         | Plume Extent    | REAL    |
| 00897    | 5/18/99     | GW06322TE | AMERICIUM-241     | 0.009     | PCI/L | U        | 0.0048   | 0.0078      | V1    | TR1         | Perf Monitoring | REAL    |
| 00897    | 5/18/99     | GW06322TE | PLUTONIUM-239/240 | 0.01      | PCI/L | U        | 0.0121   | 0.0091      | V1    | TR1         | Perf Monitoring | REAL    |
| 00897    | 5/18/99     | GW06322TE | URANIUM-233,-234  | 4.2889    | PCI/L | J        | 0.2599   | 0.771       | V1    | TR1         | Perf Monitoring | REAL    |
| 00897    | 5/18/99     | GW06322TE | URANIUM-235       | 0.1433    | PCI/L | J        | 0.0968   | 0.14        | V1    | TR1         | Perf Monitoring | REAL    |
| 00897    | 5/18/99     | GW06322TE | URANIUM-238       | 2.7154    | PCI/L | J        | 0.0968   | 0.6105      | V1    | TR1         | Perf Monitoring | REAL    |
| 02197    | 5/25/99     | GW06323TE | TRITIUM           | -119.2848 | PCI/L | U        |          | 143.9723    | V1    | TR1         | Plume Extent    | REAL    |
| 02197    | 5/25/99     | GW06323TE | URANIUM-233,-234  | 0.7026    | PCI/L | J        | 0.1689   | 0.3044      | V1    | TR1         | Plume Extent    | REAL    |
| 02197    | 5/25/99     | GW06323TE | URANIUM-235       | 0         | PCI/L | U        | 0.0917   | 0           | V1    | TR1         | Plume Extent    | REAL    |
| 02197    | 5/25/99     | GW06323TE | URANIUM-238       | 0.6606    | PCI/L | J        | 0.2009   | 0.2975      | V1    | TR1         | Plume Extent    | REAL    |
| 02291    | 5/19/99     | GW06324TE | AMERICIUM-241     | 0.0124    | PCI/L | J        | 0.0048   | 0.0092      | V1    | TR1         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | PLUTONIUM-239/240 | 0.0095    | PCI/L | J        | 0.0051   | 0.0083      | V1    | TR1         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | URANIUM-233,-234  | 1.6891    | PCI/L | J        | 0.1629   | 0.4614      | V1    | TR1         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | URANIUM-235       | 0.0824    | PCI/L | U        | 0.1937   | 0.1128      | V1    | TR1         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | URANIUM-238       | 1.5259    | PCI/L | J        | 0.1629   | 0.4387      | V1    | TR1         | Perf Monitoring | REAL    |
| 02297    | 5/11/99     | GW06325TE | URANIUM-233,-234  | 8.1685    | PCI/L | J        | 0.2219   | 1.0845      | V1    | TR1         | D&D             | REAL    |
| 02297    | 5/11/99     | GW06325TE | URANIUM-235       | 0.1409    | PCI/L | U        | 0.1866   | 0.1475      | V1    | TR1         | D&D             | REAL    |
| 02297    | 5/11/99     | GW06325TE | URANIUM-238       | 4.1029    | PCI/L | J        | 0.1866   | 0.7686      | V1    | TR1         | D&D             | REAL    |
| 02497    | 5/11/99     | GW06327TE | AMERICIUM-241     | 0.2331    | PCI/L | J        | 0.0082   | 0.052       | V1    | TR1         | D&D             | REAL    |
| 02497    | 5/11/99     | GW06327TE | PLUTONIUM-239/240 | 0.0692    | PCI/L | J        | 0.0246   | 0.0285      | V1    | TR1         | D&D             | REAL    |
| 02497    | 5/11/99     | GW06327TE | URANIUM-233,-234  | 2.599     | PCI/L | J        | 0.3427   | 0.5457      | V1    | TR1         | D&D             | REAL    |
| 02497    | 5/11/99     | GW06327TE | URANIUM-235       | 0.0805    | PCI/L | U        | 0.2702   | 0.1301      | V1    | TR1         | D&D             | REAL    |
| 02497    | 5/11/99     | GW06327TE | URANIUM-238       | 1.0755    | PCI/L | J        | 0.2057   | 0.3471      | V1    | TR1         | D&D             | REAL    |
| 04091    | 4/13/99     | GW06328TE | AMERICIUM-241     | 0.0044    | PCI/L | U        | 0.0196   | 0.0101      | V1    | TR1         | Plume Extent    | REAL    |
| 04091    | 4/13/99     | GW06328TE | PLUTONIUM-239/240 | 0.0062    | PCI/L | U        | 0.0112   | 0.0074      | V1    | TR1         | Plume Extent    | REAL    |
| 04091    | 4/13/99     | GW06328TE | URANIUM-233,-234  | 2.25      | PCI/L | J        | 0.1356   | 0.4456      | V1    | TR1         | Plume Extent    | REAL    |
| 04091    | 4/13/99     | GW06328TE | URANIUM-235       | 0.0632    | PCI/L | U        | 0.114    | 0.0782      | V1    | TR1         | Plume Extent    | REAL    |
| 04091    | 4/13/99     | GW06328TE | URANIUM-238       | 1.1821    | PCI/L | J        | 0.114    | 0.3229      | V1    | TR1         | Plume Extent    | REAL    |
| 04991    | 6/3/99      | GW06329TE | AMERICIUM-241     | 0.0034    | PCI/L | U        | 0.0094   | 0.0068      | V1    | TR1         | Plume Extent    | REAL    |
| 04991    | 6/3/99      | GW06329TE | PLUTONIUM-239/240 | 0.0303    | PCI/L | J        | 0.0228   | 0.0216      | V1    | TR1         | Plume Extent    | REAL    |
| 04991    | 6/3/99      | GW06329TE | URANIUM-233,-234  | 4.1506    | PCI/L | J        | 0.1805   | 0.7604      | V1    | TR1         | Plume Extent    | REAL    |
| 04991    | 6/3/99      | GW06329TE | URANIUM-235       | 0.2176    | PCI/L | J        | 0.098    | 0.1736      | V1    | TR1         | Plume Extent    | REAL    |
| 04991    | 6/3/99      | GW06329TE | URANIUM-238       | 2.5679    | PCI/L | J        | 0.098    | 0.5973      | V1    | TR1         | Plume Extent    | REAL    |
| 06091    | 5/12/99     | GW06330TE | AMERICIUM-241     | 0.0123    | PCI/L | J        | 0.0047   | 0.0091      | V1    | TR1         | Plume Extent    | REAL    |
| 06091    | 5/12/99     | GW06330TE | PLUTONIUM-239/240 | 0.0078    | PCI/L | U        | 0.0053   | 0.0076      | V1    | TR1         | Plume Extent    | REAL    |
| 06091    | 5/12/99     | GW06330TE | URANIUM-233,-234  | 2.8437    | PCI/L | J        | 0.2248   | 0.5847      | V1    | TR1         | Plume Extent    | REAL    |
| 06091    | 5/12/99     | GW06330TE | URANIUM-235       | -0.0148   | PCI/L | U        | 0.1834   | 0.0205      | V1    | TR1         | Plume Extent    | REAL    |
| 06091    | 5/12/99     | GW06330TE | URANIUM-238       | 1.3829    | PCI/L | J        | 0.1542   | 0.4064      | V1    | TR1         | Plume Extent    | REAL    |
| 10592    | 4/19/99     | GW06342TE | URANIUM-233,-234  | 12.7256   | PCI/L | J        | 0.0988   | 0.984       | V1    | TR1         | Perf Monitoring | REAL    |
| 10592    | 4/19/99     | GW06342TE | URANIUM-235       | 0.5361    | PCI/L | J        | 0.0536   | 0.2016      | V1    | TR1         | Perf Monitoring | REAL    |
| 10592    | 4/19/99     | GW06342TE | URANIUM-238       | 9.3646    | PCI/L | J        | 0.0536   | 0.8439      | V1    | TR1         | Perf Monitoring | REAL    |
| 10792    | 5/10/99     | GW06343TE | URANIUM-233,-234  | 6.4272    | PCI/L | J        | 0.2626   | 0.9472      | V1    | TR1         | Perf Monitoring | REAL    |
| 10792    | 5/10/99     | GW06343TE | URANIUM-235       | 0.2447    | PCI/L | J        | 0.1802   | 0.1879      | V1    | TR1         | Perf Monitoring | REAL    |
| 10792    | 5/10/99     | GW06343TE | URANIUM-238       | 5.2345    | PCI/L | J        | 0.0978   | 0.852       | V1    | TR1         | Perf Monitoring | REAL    |
| 11891    | 5/20/99     | GW06345TE | AMERICIUM-241     | 0.0301    | PCI/L | J        | 0.0048   | 0.0143      | V1    | TR1         | Perf Monitoring | REAL    |
| 11891    | 5/20/99     | GW06345TE | PLUTONIUM-239/240 | 0.0085    | PCI/L | U        | 0.0154   | 0.0098      | V1    | TR1         | Perf Monitoring | REAL    |
| 11891    | 5/20/99     | GW06345TE | URANIUM-233,-234  | 2.778     | PCI/L | J        | 0.2924   | 0.5914      | V1    | TR1         | Perf Monitoring | REAL    |
| 11891    | 5/20/99     | GW06345TE | URANIUM-235       | 0.0255    | PCI/L | U        | 0.2493   | 0.0945      | V1    | TR1         | Perf Monitoring | REAL    |
| 11891    | 5/20/99     | GW06345TE | URANIUM-238       | 1.2684    | PCI/L | J        | 0.1592   | 0.3957      | V1    | TR1         | Perf Monitoring | REAL    |
| 11891    | 5/20/99     | GW06346TE | AMERICIUM-241     | 0.0302    | PCI/L | J        | 0.0136   | 0.0156      | V1    | TR1         | Perf Monitoring | DUP     |
| 11891    | 5/20/99     | GW06346TE | PLUTONIUM-239/240 | 0.0066    | PCI/L | J        | 0.0045   | 0.0065      | V1    | TR1         | Perf Monitoring | DUP     |
| 11891    | 5/20/99     | GW06346TE | URANIUM-233,-234  | 1.9209    | PCI/L | J        | 0.1991   | 0.4728      | V1    | TR1         | Perf Monitoring | DUP     |
| 11891    | 5/20/99     | GW06346TE | URANIUM-235       | 0.0683    | PCI/L | U        | 0.1991   | 0.1043      | V1    | TR1         | Perf Monitoring | DUP     |
| 11891    | 5/20/99     | GW06346TE | URANIUM-238       | 1.5097    | PCI/L | J        | 0.1774   | 0.4187      | V1    | TR1         | Perf Monitoring | DUP     |
| 11891    | 5/20/99     | GW06347TE | AMERICIUM-241     | 0.0069    | PCI/L | J        | 0.0062   | 0.0078      | V1    | TR1         | Perf Monitoring | RNS     |
| 11891    | 5/20/99     | GW06347TE | PLUTONIUM-239/240 | 0.0019    | PCI/L | U        | 0.0182   | 0.0087      | V1    | TR1         | Perf Monitoring | RNS     |
| 11891    | 5/20/99     | GW06347TE | URANIUM-233,-234  | -0.0289   | PCI/L | U        | 0.2194   | 0.0283      | R1    | TR1         | Perf Monitoring | RNS     |
| 11891    | 5/20/99     | GW06347TE | URANIUM-235       | -0.0072   | PCI/L | U        | 0.1505   | 0.0141      | R1    | TR1         | Perf Monitoring | RNS     |
| 11891    | 5/20/99     | GW06347TE | URANIUM-238       | 0         | PCI/L | U        | 0.0817   | 0           | R1    | TR1         | Perf Monitoring | RNS     |
| 12191    | 6/3/99      | GW06348TE | AMERICIUM-241     | 0         | PCI/L | U        | 0.0085   | 0           | V1    | TR1         | Perf Monitoring | REAL    |
| 12191    | 6/3/99      | GW06348TE | PLUTONIUM-239/240 | 0.0024    | PCI/L | U        | 0.0239   | 0.0099      | V1    | TR1         | Perf Monitoring | REAL    |

## Appendix A: Groundwater Analytical Data - Radionuclides

Second Quarter 1999

| Location | Sample Date | Sample #  | Analyte           | Result    | Units | Lab Qual | Det Lim  | Sigma Error | Valid | Result Type | IMP Well Class   | QC Type |
|----------|-------------|-----------|-------------------|-----------|-------|----------|----------|-------------|-------|-------------|------------------|---------|
| 12191    | 6/3/99      | GW06348TE | URANIUM-233,-234  | 2.2654    | PCI/L |          | 0.1958   | 0.5857      | V1    | TR1         | Perf Monitoring  | REAL    |
| 12191    | 6/3/99      | GW06348TE | URANIUM-235       | 0.118     | PCI/L | J        | 0.1062   | 0.1331      | V1    | TR1         | Perf Monitoring  | REAL    |
| 12191    | 6/3/99      | GW06348TE | URANIUM-238       | 1.0981    | PCI/L |          | 0.1062   | 0.4067      | V1    | TR1         | Perf Monitoring  | REAL    |
| 1386     | 5/18/99     | GW06332TE | AMERICIUM-241     | 0.0128    | PCI/L | U        | 0.0133   | 0.0107      | V1    | TR1         | Plume Extent     | REAL    |
| 1386     | 5/18/99     | GW06332TE | PLUTONIUM-239/240 | 0.0112    | PCI/L | J        | 0.005    | 0.0089      | V1    | TR1         | Plume Extent     | REAL    |
| 1386     | 5/18/99     | GW06332TE | STRONTIUM-89,90   | 0.0804    | PCI/L | U        | 0.319    | 0.197       | V1    | TR1         | Plume Extent     | REAL    |
| 1386     | 5/18/99     | GW06332TE | TRITIUM           | -74.1745  | PCI/L | U        | 262.655  | 147.8094    | V1    | TR1         | Plume Extent     | REAL    |
| 1386     | 5/18/99     | GW06332TE | URANIUM-233,-234  | 6.6844    | PCI/L |          | 0.2905   | 0.9811      | V1    | TR1         | Plume Extent     | REAL    |
| 1386     | 5/18/99     | GW06332TE | URANIUM-235       | 0.3087    | PCI/L | J        | 0.2477   | 0.2206      | V1    | TR1         | Plume Extent     | REAL    |
| 1386     | 5/18/99     | GW06332TE | URANIUM-238       | 5.7906    | PCI/L |          | 0.1856   | 0.9102      | V1    | TR1         | Plume Extent     | REAL    |
| 15699    | 4/13/99     | GW06406TE | AMERICIUM-241     | 0.0119    | PCI/L | J        | 0.0054   | 0.0095      | V1    | TR1         | Perf Monitoring  | REAL    |
| 15699    | 4/13/99     | GW06406TE | PLUTONIUM-239/240 | 0.0034    | PCI/L | U        | 0.0046   | 0.0048      | V1    | TR1         | Perf Monitoring  | REAL    |
| 15699    | 4/13/99     | GW06406TE | URANIUM-233,-234  | 11.5946   | PCI/L |          | 0.1764   | 1.0406      | V1    | TR1         | Perf Monitoring  | REAL    |
| 15699    | 4/13/99     | GW06406TE | URANIUM-235       | 0.3405    | PCI/L | J        | 0.0657   | 0.1778      | V1    | TR1         | Perf Monitoring  | REAL    |
| 15699    | 4/13/99     | GW06406TE | URANIUM-238       | 9.9201    | PCI/L |          | 0.0657   | 0.9614      | V1    | TR1         | Perf Monitoring  | REAL    |
| 1786     | 5/11/99     | GW06333TE | AMERICIUM-241     | 0.0204    | PCI/L | J        | 0.005    | 0.012       | V1    | TR1         | Plume Extent     | REAL    |
| 1786     | 5/11/99     | GW06333TE | PLUTONIUM-239/240 | 0.0097    | PCI/L | U        | 0.014    | 0.0099      | V1    | TR1         | Plume Extent     | REAL    |
| 1786     | 5/11/99     | GW06333TE | STRONTIUM-89,90   | 0.0791    | PCI/L | U        | 0.335    | 0.207       | V1    | TR1         | Plume Extent     | REAL    |
| 1786     | 5/11/99     | GW06333TE | TRITIUM           | 218.8724  | PCI/L | U        | 258.3454 | 190.9445    | V     | TR1         | Plume Extent     | REAL    |
| 1786     | 5/11/99     | GW06333TE | URANIUM-233,-234  | 33.7918   | PCI/L |          | 0.1438   | 1.9342      | V1    | TR1         | Plume Extent     | REAL    |
| 1786     | 5/11/99     | GW06333TE | URANIUM-235       | 1.1271    | PCI/L |          | 0.078    | 0.3526      | V1    | TR1         | Plume Extent     | REAL    |
| 1786     | 5/11/99     | GW06333TE | URANIUM-238       | 27.402    | PCI/L |          | 0.078    | 1.7416      | V1    | TR1         | Plume Extent     | REAL    |
| 1986     | 6/7/99      | GW06334TE | AMERICIUM-241     | 0.0065    | PCI/L | U        | 0.0088   | 0.009       | V1    | TR1         | Plume Extent     | REAL    |
| 1986     | 6/7/99      | GW06334TE | PLUTONIUM-239/240 | 0.0109    | PCI/L | J        | 0.0074   | 0.0107      | V1    | TR1         | Plume Extent     | REAL    |
| 1986     | 6/7/99      | GW06334TE | URANIUM-233,-234  | 3.4105    | PCI/L |          | 0.1248   | 0.777       | V1    | TR1         | Plume Extent     | REAL    |
| 1986     | 6/7/99      | GW06334TE | URANIUM-235       | 0.0129    | PCI/L | U        | 0.3071   | 0.0978      | V1    | TR1         | Plume Extent     | REAL    |
| 1986     | 6/7/99      | GW06334TE | URANIUM-238       | 1.7052    | PCI/L |          | 0.1248   | 0.5494      | V1    | TR1         | Plume Extent     | REAL    |
| 2186     | 6/9/99      | GW06335TE | AMERICIUM-241     | 0.0072    | PCI/L | U        | 0.019    | 0.0108      | V1    | TR1         | Plume Extent     | REAL    |
| 2186     | 6/9/99      | GW06335TE | PLUTONIUM-239/240 | 0.0067    | PCI/L | U        | 0.0178   | 0.0101      | V1    | TR1         | Plume Extent     | REAL    |
| 2186     | 6/9/99      | GW06335TE | URANIUM-233,-234  | 1.5361    | PCI/L |          | 0.3176   | 0.474       | V1    | TR1         | Plume Extent     | REAL    |
| 2186     | 6/9/99      | GW06335TE | URANIUM-235       | 0.0728    | PCI/L | U        | 0.0983   | 0.1006      | V1    | TR1         | Plume Extent     | REAL    |
| 2186     | 6/9/99      | GW06335TE | URANIUM-238       | 0.935     | PCI/L | J        | 0.1812   | 0.3631      | V1    | TR1         | Plume Extent     | REAL    |
| 22796    | 6/9/99      | GW06375TE | AMERICIUM-241     | 0.0183    | PCI/L | J        | 0.0099   | 0.016       | V1    | TR1         | Plume Extent     | REAL    |
| 22796    | 6/9/99      | GW06375TE | PLUTONIUM-239/240 | -0.0041   | PCI/L | U        | 0.0272   | 0.0058      | V1    | TR1         | Plume Extent     | REAL    |
| 22796    | 6/9/99      | GW06375TE | URANIUM-233,-234  | 3.2436    | PCI/L |          | 0.2659   | 0.709       | V1    | TR1         | Plume Extent     | REAL    |
| 22796    | 6/9/99      | GW06375TE | URANIUM-235       | 0.0512    | PCI/L | U        | 0.2659   | 0.1152      | V1    | TR1         | Plume Extent     | REAL    |
| 22796    | 6/9/99      | GW06375TE | URANIUM-238       | 2.6051    | PCI/L |          | 0.2659   | 0.6362      | V1    | TR1         | Plume Extent     | REAL    |
| 2987     | 5/13/99     | GW06336TE | AMERICIUM-241     | 0.0094    | PCI/L | U        | 0.0135   | 0.0096      | V1    | TR1         | Plume Definition | REAL    |
| 2987     | 5/13/99     | GW06336TE | PLUTONIUM-239/240 | 0.0106    | PCI/L | J        | 0.0047   | 0.0084      | V1    | TR1         | Plume Definition | REAL    |
| 2987     | 5/13/99     | GW06336TE | URANIUM-233,-234  | 13.6396   | PCI/L |          | 0.2138   | 1.2426      | V1    | TR1         | Plume Definition | REAL    |
| 2987     | 5/13/99     | GW06336TE | URANIUM-235       | 0.4646    | PCI/L | J        | 0.1467   | 0.2308      | V1    | TR1         | Plume Definition | REAL    |
| 2987     | 5/13/99     | GW06336TE | URANIUM-238       | 9.2001    | PCI/L |          | 0.0796   | 1.0192      | V1    | TR1         | Plume Definition | REAL    |
| 3087     | 4/20/99     | GW06337TE | AMERICIUM-241     | 0.012     | PCI/L | U        | 0.0145   | 0.011       | V1    | TR1         | Plume Definition | REAL    |
| 3087     | 4/20/99     | GW06337TE | PLUTONIUM-239/240 | 0.0202    | PCI/L | J        | 0.0133   | 0.0129      | V1    | TR1         | Plume Definition | REAL    |
| 3087     | 4/20/99     | GW06337TE | URANIUM-233,-234  | 0.2307    | PCI/L | J        | 0.0979   | 0.1335      | V1    | TR1         | Plume Definition | REAL    |
| 3087     | 4/20/99     | GW06337TE | URANIUM-235       | 0         | PCI/L | U        | 0.0531   | 0           | V1    | TR1         | Plume Definition | REAL    |
| 3087     | 4/20/99     | GW06337TE | URANIUM-238       | 0.1177    | PCI/L | J        | 0.0531   | 0.0941      | V1    | TR1         | Plume Definition | REAL    |
| 3386     | 5/4/99      | GW06338TE | STRONTIUM-89,90   | 0.0232    | PCI/L | U        | 0.527    | 0.322       | V1    | TR1         | Plume Extent     | REAL    |
| 3386     | 5/4/99      | GW06338TE | TRITIUM           | -134.4126 | PCI/L | U        | 264.4225 | 154.5816    | V1    | TR1         | Plume Extent     | REAL    |
| 3386     | 5/4/99      | GW06338TE | URANIUM-233,-234  | 4.4037    | PCI/L |          | 0.094    | 0.5648      | V1    | TR1         | Plume Extent     | REAL    |
| 3386     | 5/4/99      | GW06338TE | URANIUM-235       | 0.1322    | PCI/L | J        | 0.051    | 0.0976      | V1    | TR1         | Plume Extent     | REAL    |
| 3386     | 5/4/99      | GW06338TE | URANIUM-238       | 2.5055    | PCI/L |          | 0.051    | 0.4258      | V1    | TR1         | Plume Extent     | REAL    |
| 3586     | 4/28/99     | GW06388TE | AMERICIUM-241     | 0.0123    | PCI/L | U        | 0.0127   | 0.0102      | V1    | TR1         | Plume Extent     | REAL    |
| 3586     | 4/28/99     | GW06388TE | PLUTONIUM-239/240 | 0.0075    | PCI/L | U        | 0.0136   | 0.0089      | V1    | TR1         | Plume Extent     | REAL    |
| 3586     | 4/28/99     | GW06388TE | URANIUM-233,-234  | 3.2839    | PCI/L |          | 0.1359   | 0.4565      | V1    | TR1         | Plume Extent     | REAL    |
| 3586     | 4/28/99     | GW06388TE | URANIUM-235       | 0.1891    | PCI/L | J        | 0.0972   | 0.1117      | V1    | TR1         | Plume Extent     | REAL    |
| 3586     | 4/28/99     | GW06388TE | URANIUM-238       | 2.665     | PCI/L |          | 0.0817   | 0.4098      | V1    | TR1         | Plume Extent     | REAL    |
| 3586     | 4/28/99     | GW06389TE | AMERICIUM-241     | 0.0072    | PCI/L | U        | 0.0237   | 0.0132      | V1    | TR1         | Plume Extent     | DUP     |
| 3586     | 4/28/99     | GW06389TE | PLUTONIUM-239/240 | 0.0002    | PCI/L | U        | 0.0185   | 0.0085      | V1    | TR1         | Plume Extent     | DUP     |
| 3586     | 4/28/99     | GW06389TE | URANIUM-233,-234  | 3.3766    | PCI/L |          | 0.1379   | 0.4976      | V1    | TR1         | Plume Extent     | DUP     |
| 3586     | 4/28/99     | GW06389TE | URANIUM-235       | 0.1384    | PCI/L | J        | 0.1263   | 0.1062      | V1    | TR1         | Plume Extent     | DUP     |
| 3586     | 4/28/99     | GW06389TE | URANIUM-238       | 2.7499    | PCI/L |          | 0.0513   | 0.4476      | V1    | TR1         | Plume Extent     | DUP     |
| 3586     | 4/28/99     | GW06390TE | AMERICIUM-241     | 0.0208    | PCI/L | J        | 0.0137   | 0.0132      | V1    | TR1         | Plume Extent     | RNS     |
| 3586     | 4/28/99     | GW06390TE | PLUTONIUM-239/240 | 0.0017    | PCI/L | U        | 0.0152   | 0.0071      | V1    | TR1         | Plume Extent     | RNS     |

*Appendix A: Groundwater Analytical Data - Radionuclides*

*Second Quarter 1999*

| Location | Sample Date | Sample # | Analyte   | Result            | Units     | Lab Qual | Det Lim | Sigma Error | Valid    | Result Type | IMP Well Class | QC Type          |      |
|----------|-------------|----------|-----------|-------------------|-----------|----------|---------|-------------|----------|-------------|----------------|------------------|------|
|          | 3586        | 4/28/99  | GW06390TE | URANIUM-233,-234  | 0.0864    | PCI/L    | U       | 0.1345      | 0.09     | V1          | TR1            | Plume Extent     | RNS  |
|          | 3586        | 4/28/99  | GW06390TE | URANIUM-235       | 0.0105    | PCI/L    | U       | 0.1198      | 0.0417   | V1          | TR1            | Plume Extent     | RNS  |
|          | 3586        | 4/28/99  | GW06390TE | URANIUM-238       | -0.0242   | PCI/L    | U       | 0.1577      | 0.0212   | V1          | TR1            | Plume Extent     | RNS  |
|          | 3687        | 4/28/99  | GW06339TE | AMERICIUM-241     | 0.0039    | PCI/L    | U       | 0.0052      | 0.0054   | V1          | TR1            | Perf Monitoring  | REAL |
|          | 3687        | 4/28/99  | GW06339TE | PLUTONIUM-239/240 | 0.0197    | PCI/L    | J       | 0.0044      | 0.0111   | V1          | TR1            | Perf Monitoring  | REAL |
|          | 3687        | 4/28/99  | GW06339TE | URANIUM-233,-234  | 1.7606    | PCI/L    |         | 0.2005      | 0.3501   | V1          | TR1            | Perf Monitoring  | REAL |
|          | 3687        | 4/28/99  | GW06339TE | URANIUM-235       | 0.0571    | PCI/L    | U       | 0.1157      | 0.0695   | V1          | TR1            | Perf Monitoring  | REAL |
|          | 3687        | 4/28/99  | GW06339TE | URANIUM-238       | 1.2939    | PCI/L    |         | 0.1031      | 0.2949   | V1          | TR1            | Perf Monitoring  | REAL |
|          | 4087        | 5/5/99   | GW06391TE | TRITIUM           | -104.1529 | PCI/L    | U       | 263.4355    | 150.4735 | V1          | TR1            | RCRA             | REAL |
|          | 4087        | 5/5/99   | GW06391TE | URANIUM-233,-234  | 16.3356   | PCI/L    |         | 0.1099      | 1.1758   | V1          | TR1            | RCRA             | REAL |
|          | 4087        | 5/5/99   | GW06391TE | URANIUM-235       | 0.7236    | PCI/L    | J       | 0.1099      | 0.2481   | V1          | TR1            | RCRA             | REAL |
|          | 4087        | 5/5/99   | GW06391TE | URANIUM-238       | 11.4748   | PCI/L    |         | 0.1602      | 0.9864   | V1          | TR1            | RCRA             | REAL |
|          | 52894       | 5/5/99   | GW06395TE | TRITIUM           | -133.1224 | PCI/L    | U       | 261.8844    | 153.0978 | V1          | TR1            | RCRA             | REAL |
|          | 52894       | 5/5/99   | GW06395TE | URANIUM-233,-234  | 14.5489   | PCI/L    |         | 0.3211      | 1.2517   | V1          | TR1            | RCRA             | REAL |
|          | 52894       | 5/5/99   | GW06395TE | URANIUM-235       | 0.8163    | PCI/L    | J       | 0.1852      | 0.2992   | V1          | TR1            | RCRA             | REAL |
|          | 52894       | 5/5/99   | GW06395TE | URANIUM-238       | 10.9386   | PCI/L    |         | 0.165       | 1.0815   | V1          | TR1            | RCRA             | REAL |
|          | 5387        | 4/19/99  | GW06340TE | URANIUM-233,-234  | 8.2127    | PCI/L    |         | 0.0557      | 0.8058   | V1          | TR1            | Plume Extent     | REAL |
|          | 5387        | 4/19/99  | GW06340TE | URANIUM-235       | 0.3922    | PCI/L    | J       | 0.0557      | 0.1758   | V1          | TR1            | Plume Extent     | REAL |
|          | 5387        | 4/19/99  | GW06340TE | URANIUM-238       | 5.5368    | PCI/L    |         | 0.0557      | 0.6616   | V1          | TR1            | Plume Extent     | REAL |
|          | 5587        | 5/10/99  | GW06341TE | STRONTIUM-89,90   | 0.194     | PCI/L    | U       | 0.367       | 0.23     | V1          | TR1            | Drainage         | REAL |
|          | 5587        | 5/10/99  | GW06341TE | URANIUM-233,-234  | 5.5512    | PCI/L    |         | 0.0822      | 0.8043   | V1          | TR1            | Drainage         | REAL |
|          | 5587        | 5/10/99  | GW06341TE | URANIUM-235       | 0.275     | PCI/L    | J       | 0.2207      | 0.1901   | V1          | TR1            | Drainage         | REAL |
|          | 5587        | 5/10/99  | GW06341TE | URANIUM-238       | 4.2092    | PCI/L    |         | 0.1514      | 0.7011   | V1          | TR1            | Drainage         | REAL |
|          | 5887        | 5/24/99  | GW06392TE | TRITIUM           | -121.239  | PCI/L    | U       |             | 146.331  | V1          | TR1            | RCRA             | REAL |
|          | 5887        | 5/24/99  | GW06392TE | URANIUM-233,-234  | 0.009     | PCI/L    | U       | 0.2161      | 0.0688   | V1          | TR1            | RCRA             | REAL |
|          | 5887        | 5/24/99  | GW06392TE | URANIUM-235       | 0.0247    | PCI/L    | U       | 0.1619      | 0.0653   | V1          | TR1            | RCRA             | REAL |
|          | 5887        | 5/24/99  | GW06392TE | URANIUM-238       | 0         | PCI/L    | U       | 0.0878      | 0        | V1          | TR1            | RCRA             | REAL |
|          | 5887        | 5/24/99  | GW06393TE | TRITIUM           | -150.2625 | PCI/L    | U       |             | 143.5406 | V1          | TR1            | RCRA             | DUP  |
|          | 5887        | 5/24/99  | GW06393TE | URANIUM-233,-234  | 0.1121    | PCI/L    | U       | 0.2684      | 0.1487   | V1          | TR1            | RCRA             | DUP  |
|          | 5887        | 5/24/99  | GW06393TE | URANIUM-235       | -0.0177   | PCI/L    | U       | 0.219       | 0.0245   | V1          | TR1            | RCRA             | DUP  |
|          | 5887        | 5/24/99  | GW06393TE | URANIUM-238       | -0.0354   | PCI/L    | U       | 0.2684      | 0.0347   | V1          | TR1            | RCRA             | DUP  |
|          | 70193       | 5/6/99   | GW06397TE | TRITIUM           | -191.7696 | PCI/L    | U       | 261.1785    | 163.2081 | V1          | TR1            | RCRA             | REAL |
|          | 70193       | 5/6/99   | GW06397TE | URANIUM-233,-234  | -0.0057   | PCI/L    | U       | 0.2231      | 0.0635   | V1          | TR1            | RCRA             | REAL |
|          | 70193       | 5/6/99   | GW06397TE | URANIUM-235       | 0.0148    | PCI/L    | U       | 0.1695      | 0.059    | V1          | TR1            | RCRA             | REAL |
|          | 70193       | 5/6/99   | GW06397TE | URANIUM-238       | 0         | PCI/L    | U       | 0.0773      | 0        | V1          | TR1            | RCRA             | REAL |
|          | 70193       | 5/6/99   | GW06398TE | TRITIUM           | -132.0317 | PCI/L    | U       | 259.7387    | 151.8434 | V1          | TR1            | RCRA             | DUP  |
|          | 70193       | 5/6/99   | GW06398TE | URANIUM-233,-234  | 0.0673    | PCI/L    | U       | 0.1969      | 0.1031   | V1          | TR1            | RCRA             | DUP  |
|          | 70193       | 5/6/99   | GW06398TE | URANIUM-235       | -0.0142   | PCI/L    | U       | 0.1754      | 0.0196   | V1          | TR1            | RCRA             | DUP  |
|          | 70193       | 5/6/99   | GW06398TE | URANIUM-238       | 0.0153    | PCI/L    | U       | 0.1754      | 0.0611   | V1          | TR1            | RCRA             | DUP  |
|          | 70193       | 5/6/99   | GW06399TE | TRITIUM           | -189.5672 | PCI/L    | U       | 258.1789    | 161.3337 | V1          | TR1            | RCRA             | RNS  |
|          | 70193       | 5/6/99   | GW06399TE | URANIUM-233,-234  | -0.0135   | PCI/L    | U       | 0.2548      | 0.0697   | V1          | TR1            | RCRA             | RNS  |
|          | 70193       | 5/6/99   | GW06399TE | URANIUM-235       | 0.016     | PCI/L    | U       | 0.1822      | 0.0635   | V1          | TR1            | RCRA             | RNS  |
|          | 70193       | 5/6/99   | GW06399TE | URANIUM-238       | -0.0073   | PCI/L    | U       | 0.1532      | 0.0144   | V1          | TR1            | RCRA             | RNS  |
|          | 70393       | 5/18/99  | GW06400TE | TRITIUM           | -73.2696  | PCI/L    | U       | 259.4508    | 146.0063 | V1          | TR1            | RCRA             | REAL |
|          | 70393       | 5/18/99  | GW06400TE | URANIUM-233,-234  | 0         | PCI/L    | U       | 0.0842      | 0        | V1          | TR1            | RCRA             | REAL |
|          | 70393       | 5/18/99  | GW06400TE | URANIUM-235       | 0.0623    | PCI/L    | U       | 0.0842      | 0.0861   | V1          | TR1            | RCRA             | REAL |
|          | 70393       | 5/18/99  | GW06400TE | URANIUM-238       | 0.0161    | PCI/L    | U       | 0.1846      | 0.0643   | V1          | TR1            | RCRA             | REAL |
|          | 70393       | 5/18/99  | GW06401TE | TRITIUM           | -220.8749 | PCI/L    | U       | 260.709     | 169.7069 | V1          | TR1            | RCRA             | DUP  |
|          | 70393       | 5/18/99  | GW06401TE | URANIUM-233,-234  | -0.0905   | PCI/L    | U       | 0.3033      | 0.0474   | V1          | TR1            | RCRA             | DUP  |
|          | 70393       | 5/18/99  | GW06401TE | URANIUM-235       | 0.0616    | PCI/L    | U       | 0.1796      | 0.0941   | V1          | TR1            | RCRA             | DUP  |
|          | 70393       | 5/18/99  | GW06401TE | URANIUM-238       | 0.0345    | PCI/L    | U       | 0.1796      | 0.0779   | V1          | TR1            | RCRA             | DUP  |
|          | 70493       | 4/20/99  | GW06403TE | TRITIUM           | -187.4295 | PCI/L    | U       | 261.4012    | 162.7455 | V1          | TR1            | RCRA             | REAL |
|          | 70493       | 4/20/99  | GW06403TE | URANIUM-233,-234  | 0.912     | PCI/L    | J       | 0.1404      | 0.2745   | V1          | TR1            | RCRA             | REAL |
|          | 70493       | 4/20/99  | GW06403TE | URANIUM-235       | 0.0211    | PCI/L    | U       | 0.0571      | 0.0413   | V1          | TR1            | RCRA             | REAL |
|          | 70493       | 4/20/99  | GW06403TE | URANIUM-238       | 0.4796    | PCI/L    | J       | 0.1052      | 0.1983   | V1          | TR1            | RCRA             | REAL |
|          | 77392       | 5/5/99   | GW06377TE | TRITIUM           | -73.3027  | PCI/L    | U       | 259.5679    | 146.0722 | V1          | TR1            | Plume Definition | REAL |
|          | 77392       | 5/5/99   | GW06377TE | URANIUM-233,-234  | 13.2605   | PCI/L    |         | 0.174       | 1.2225   | V1          | TR1            | Plume Definition | REAL |
|          | 77392       | 5/5/99   | GW06377TE | URANIUM-235       | 0.4855    | PCI/L    | J       | 0.174       | 0.2376   | V1          | TR1            | Plume Definition | REAL |
|          | 77392       | 5/5/99   | GW06377TE | URANIUM-238       | 9.3994    | PCI/L    |         | 0.1463      | 1.0291   | V1          | TR1            | Plume Definition | REAL |
|          | 891COLGAL   | 5/10/99  | GW06410TE | URANIUM-233,-234  | 6.8506    | PCI/L    |         | 0.2072      | 0.9065   | V1          | TR1            | Perf Monitoring  | REAL |
|          | 891COLGAL   | 5/10/99  | GW06410TE | URANIUM-235       | 0.1721    | PCI/L    | U       | 0.1846      | 0.1507   | V1          | TR1            | Perf Monitoring  | REAL |
|          | 891COLGAL   | 5/10/99  | GW06410TE | URANIUM-238       | 4.0056    | PCI/L    |         | 0.243       | 0.6957   | V1          | TR1            | Perf Monitoring  | REAL |
|          | 391COLWEL   | 5/11/99  | GW06409TE | URANIUM-233,-234  | 10.2159   | PCI/L    |         | 0.1977      | 1.0805   | V1          | TR1            | Perf Monitoring  | REAL |
|          | 391COLWEL   | 5/11/99  | GW06409TE | URANIUM-235       | 0.2238    | PCI/L    | J       | 0.1762      | 0.1656   | V1          | TR1            | Perf Monitoring  | REAL |

## Appendix A: Groundwater Analytical Data - Radionuclides

Second Quarter 1999

| Location  | Sample Date | Sample #  | Analyte           | Result    | Units | Lab Qual | Det Lim  | Sigma Error | Valid | Result Type | IMP Well Class   | QC Type |
|-----------|-------------|-----------|-------------------|-----------|-------|----------|----------|-------------|-------|-------------|------------------|---------|
| 391COLWEL | 5/11/99     | GW06409TE | URANIUM-238       | 8.0046    | PCI/L |          | 0.1481   | 0.9557      | V1    | TR1         | Perf Monitoring  | REAL    |
| B208789   | 4/26/99     | GW06379TE | AMERICIUM-241     | 0.0271    | PCI/L | J        | 0.0045   | 0.0132      | V1    | TR1         | Plume Extent     | REAL    |
| B208789   | 4/26/99     | GW06379TE | PLUTONIUM-239/240 | 0.0064    | PCI/L | U        | 0.0144   | 0.0086      | V1    | TR1         | Plume Extent     | REAL    |
| B208789   | 4/26/99     | GW06379TE | STRONTIUM-89,90   | 0.285     | PCI/L | U        | 0.382    | 0.241       | V1    | TR1         | Plume Extent     | REAL    |
| B208789   | 4/26/99     | GW06379TE | TRITIUM           | -225.3607 | PCI/L | U        | 266.0038 | 173.1535    | V1    | TR1         | Plume Extent     | REAL    |
| B208789   | 4/26/99     | GW06379TE | URANIUM-233,-234  | 11.5208   | PCI/L |          | 0.113    | 0.8669      | V1    | TR1         | Plume Extent     | REAL    |
| B208789   | 4/26/99     | GW06379TE | URANIUM-235       | 0.4851    | PCI/L | J        | 0.1007   | 0.1793      | V1    | TR1         | Plume Extent     | REAL    |
| B208789   | 4/26/99     | GW06379TE | URANIUM-238       | 9.0487    | PCI/L |          | 0.1007   | 0.7682      | V1    | TR1         | Plume Extent     | REAL    |
| P209289   | 5/4/99      | GW06380TE | AMERICIUM-241     | 0.0116    | PCI/L | J        | 0.0052   | 0.0092      | V1    | TR1         | Plume Definition | REAL    |
| P209289   | 5/4/99      | GW06380TE | PLUTONIUM-239/240 | 0.0632    | PCI/L |          | 0.0165   | 0.022       | V1    | TR1         | Plume Definition | REAL    |
| P209289   | 5/4/99      | GW06380TE | STRONTIUM-89,90   | -0.171    | PCI/L | U        | 0.411    | 0.247       | V1    | TR1         | Plume Definition | REAL    |
| P209289   | 5/4/99      | GW06380TE | TRITIUM           | -163.7468 | PCI/L | U        | 263.5609 | 158.8303    | V1    | TR1         | Plume Definition | REAL    |
| P209289   | 5/4/99      | GW06380TE | URANIUM-233,-234  | 1.1831    | PCI/L |          | 0.1132   | 0.268       | V1    | TR1         | Plume Definition | REAL    |
| P209289   | 5/4/99      | GW06380TE | URANIUM-235       | 0.0586    | PCI/L | U        | 0.0776   | 0.0614      | V1    | TR1         | Plume Definition | REAL    |
| P209289   | 5/4/99      | GW06380TE | URANIUM-238       | 0.9335    | PCI/L | J        | 0.0421   | 0.2362      | V1    | TR1         | Plume Definition | REAL    |
| P209489   | 5/12/99     | GW06381TE | AMERICIUM-241     | 0.0091    | PCI/L | U        | 0.0132   | 0.0093      | V1    | TR1         | Plume Definition | REAL    |
| P209489   | 5/12/99     | GW06381TE | PLUTONIUM-239/240 | 0.0075    | PCI/L | U        | 0.0136   | 0.0089      | V1    | TR1         | Plume Definition | REAL    |
| P209489   | 5/12/99     | GW06381TE | STRONTIUM-89,90   | -0.476    | PCI/L | U        | 0.795    | 0.474       | V1    | TR1         | Plume Definition | REAL    |
| P209489   | 5/12/99     | GW06381TE | TRITIUM           | 248.6897  | PCI/L | U        | 259.006  | 200.9211    | V     | TR1         | Plume Definition | REAL    |
| P209489   | 5/12/99     | GW06381TE | URANIUM-233,-234  | 15.521    | PCI/L |          | 0.1811   | 1.4713      | V1    | TR1         | Plume Definition | REAL    |
| P209489   | 5/12/99     | GW06381TE | URANIUM-235       | 0.7191    | PCI/L | J        | 0.1811   | 0.3185      | V1    | TR1         | Plume Definition | REAL    |
| P209489   | 5/12/99     | GW06381TE | URANIUM-238       | 13.2453   | PCI/L |          | 0.264    | 1.3609      | V1    | TR1         | Plume Definition | REAL    |
| P218389   | 5/3/99      | GW06382TE | AMERICIUM-241     | 0.0071    | PCI/L | J        | 0.0048   | 0.007       | V1    | TR1         | Plume Extent     | REAL    |
| P218389   | 5/3/99      | GW06382TE | PLUTONIUM-239/240 | 0.0112    | PCI/L | J        | 0.005    | 0.009       | V1    | TR1         | Plume Extent     | REAL    |
| P218389   | 5/3/99      | GW06382TE | STRONTIUM-89,90   | 0.156     | PCI/L | U        | 0.394    | 0.246       | V1    | TR1         | Plume Extent     | REAL    |
| P218389   | 5/3/99      | GW06382TE | TRITIUM           | -103.9646 | PCI/L | U        | 262.9592 | 150.2014    | V1    | TR1         | Plume Extent     | REAL    |
| P218389   | 5/3/99      | GW06382TE | URANIUM-233,-234  | 0.9314    | PCI/L | J        | 0.2356   | 0.2772      | V1    | TR1         | Plume Extent     | REAL    |
| P218389   | 5/3/99      | GW06382TE | URANIUM-235       | -0.0031   | PCI/L | U        | 0.1857   | 0.0604      | V1    | TR1         | Plume Extent     | REAL    |
| P218389   | 5/3/99      | GW06382TE | URANIUM-238       | 0.9142    | PCI/L | J        | 0.1414   | 0.2645      | V1    | TR1         | Plume Extent     | REAL    |
| P219189   | 5/3/99      | GW06383TE | TRITIUM           | 373.8927  | PCI/L | J        | 264.7938 | 248.8081    | V1    | TR1         | Plume Definition | REAL    |
| P219189   | 5/3/99      | GW06383TE | URANIUM-233,-234  | 58.9974   | PCI/L |          | 0.2457   | 3.0633      | V1    | TR1         | Plume Definition | REAL    |
| P219189   | 5/3/99      | GW06383TE | URANIUM-235       | 1.7335    | PCI/L |          | 0.2066   | 0.526       | V1    | TR1         | Plume Definition | REAL    |
| P219189   | 5/3/99      | GW06383TE | URANIUM-238       | 43.5801   | PCI/L |          | 0.1121   | 2.6322      | V1    | TR1         | Plume Definition | REAL    |
| P219489   | 5/4/99      | GW06384TE | TRITIUM           | 74.5013   | PCI/L | U        | 263.8124 | 157.7454    | V1    | TR1         | Plume Extent     | REAL    |
| P219489   | 5/4/99      | GW06384TE | URANIUM-233,-234  | 5.9767    | PCI/L |          | 0.3303   | 0.9371      | V1    | TR1         | Plume Extent     | REAL    |
| P219489   | 5/4/99      | GW06384TE | URANIUM-235       | 0.1332    | PCI/L | U        | 0.2241   | 0.1501      | V1    | TR1         | Plume Extent     | REAL    |
| P219489   | 5/4/99      | GW06384TE | URANIUM-238       | 3.162     | PCI/L |          | 0.1884   | 0.6783      | V1    | TR1         | Plume Extent     | REAL    |
| P416689   | 4/26/99     | GW06385TE | AMERICIUM-241     | 0.0038    | PCI/L | U        | 0.0052   | 0.0053      | V1    | TR1         | Plume Extent     | REAL    |
| P416689   | 4/26/99     | GW06385TE | PLUTONIUM-239/240 | 0.0212    | PCI/L | J        | 0.0159   | 0.013       | V1    | TR1         | Plume Extent     | REAL    |
| P416689   | 4/26/99     | GW06385TE | URANIUM-233,-234  | 3.0163    | PCI/L |          | 0.1372   | 0.453       | V1    | TR1         | Plume Extent     | REAL    |
| P416689   | 4/26/99     | GW06385TE | URANIUM-235       | 0.0091    | PCI/L | U        | 0.1042   | 0.0363      | V1    | TR1         | Plume Extent     | REAL    |
| P416689   | 4/26/99     | GW06385TE | URANIUM-238       | 0.8603    | PCI/L | J        | 0.0475   | 0.2408      | V1    | TR1         | Plume Extent     | REAL    |
| P416789   | 4/26/99     | GW06386TE | AMERICIUM-241     | 0.0195    | PCI/L | J        | 0.0058   | 0.0127      | V1    | TR1         | Plume Definition | REAL    |
| P416789   | 4/26/99     | GW06386TE | PLUTONIUM-239/240 | 0.0107    | PCI/L | J        | 0.0048   | 0.0086      | V1    | TR1         | Plume Definition | REAL    |
| P416789   | 4/26/99     | GW06386TE | URANIUM-233,-234  | 1.3009    | PCI/L |          | 0.1009   | 0.2926      | V1    | TR1         | Plume Definition | REAL    |
| P416789   | 4/26/99     | GW06386TE | URANIUM-235       | 0.0259    | PCI/L | U        | 0.1009   | 0.0484      | V1    | TR1         | Plume Definition | REAL    |
| P416789   | 4/26/99     | GW06386TE | URANIUM-238       | 0.6759    | PCI/L | J        | 0.0848   | 0.2108      | V1    | TR1         | Plume Definition | REAL    |
| P416889   | 5/17/99     | GW06387TE | AMERICIUM-241     | 0.0194    | PCI/L | J        | 0.0176   | 0.014       | V1    | TR1         | Plume Definition | REAL    |
| P416889   | 5/17/99     | GW06387TE | PLUTONIUM-239/240 | 0.0162    | PCI/L | U        | 0.0164   | 0.0125      | V1    | TR1         | Plume Definition | REAL    |
| P416889   | 5/17/99     | GW06387TE | URANIUM-233,-234  | 1.3018    | PCI/L |          | 0.2481   | 0.3944      | V1    | TR1         | Plume Definition | REAL    |
| P416889   | 5/17/99     | GW06387TE | URANIUM-235       | 0.0155    | PCI/L | U        | 0.1774   | 0.0618      | V1    | TR1         | Plume Definition | REAL    |
| P416889   | 5/17/99     | GW06387TE | URANIUM-238       | 0.2618    | PCI/L | J        | 0.1492   | 0.1762      | V1    | TR1         | Plume Definition | REAL    |
| SW13494   | 5/10/99     | GW06408TE | URANIUM-233,-234  | 3.8974    | PCI/L |          | 0.2069   | 0.6553      | V1    | TR1         | Perf Monitoring  | REAL    |
| SW13494   | 5/10/99     | GW06408TE | URANIUM-235       | 0.2076    | PCI/L | J        | 0.1895   | 0.1593      | V1    | TR1         | Perf Monitoring  | REAL    |
| SW13494   | 5/10/99     | GW06408TE | URANIUM-238       | 2.7302    | PCI/L |          | 0.077    | 0.5461      | V1    | TR1         | Perf Monitoring  | REAL    |

## Appendix A: Groundwater Analytical Data - VOCs

Second Quarter 1999

| Location | Sample Date | Sample #  | Analyte                        | Result | Units | Lab Qual | Det Lim | Dilu | Valid | Result Type | IMP Well Class | QC Type |
|----------|-------------|-----------|--------------------------------|--------|-------|----------|---------|------|-------|-------------|----------------|---------|
| 00197    | 5/20/99     | GW06319TE | 1,1,1,2-TETRACHLOROETHANE      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 00197    | 5/20/99     | GW06319TE | 1,1,1-TRICHLOROETHANE          | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 00197    | 5/20/99     | GW06319TE | 1,1,2,2-TETRACHLOROETHANE      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 00197    | 5/20/99     | GW06319TE | 1,1,2-TRICHLOROETHANE          | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 00197    | 5/20/99     | GW06319TE | 1,1-DICHLOROETHANE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 00197    | 5/20/99     | GW06319TE | 1,1-DICHLOROETHENE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 00197    | 5/20/99     | GW06319TE | 1,1-DICHLOROPROPENE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 00197    | 5/20/99     | GW06319TE | 1,2,3-TRICHLOROBENZENE         | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | REAL    |
| 00197    | 5/20/99     | GW06319TE | 1,2,3-TRICHLOROPROPANE         | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 00197    | 5/20/99     | GW06319TE | 1,2,4-TRICHLOROBENZENE         | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | REAL    |
| 00197    | 5/20/99     | GW06319TE | 1,2-DIBROMOETHANE              | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 00197    | 5/20/99     | GW06319TE | 1,2-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | REAL    |
| 00197    | 5/20/99     | GW06319TE | 1,2-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 00197    | 5/20/99     | GW06319TE | 1,3-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | REAL    |
| 00197    | 5/20/99     | GW06319TE | 1,3-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 00197    | 5/20/99     | GW06319TE | 1,4-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | REAL    |
| 00197    | 5/20/99     | GW06319TE | 2,2-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 00197    | 5/20/99     | GW06319TE | 4-ISOPROPYLTOLUENE             | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | REAL    |
| 00197    | 5/20/99     | GW06319TE | BENZENE                        | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | REAL    |
| 00197    | 5/20/99     | GW06319TE | BENZENE, 1,2,4-TRIMETHYL-      | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | REAL    |
| 00197    | 5/20/99     | GW06319TE | BROMOBENZENE                   | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | REAL    |
| 00197    | 5/20/99     | GW06319TE | BROMOCHLOROMETHANE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 00197    | 5/20/99     | GW06319TE | BROMODICHLOROMETHANE           | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 00197    | 5/20/99     | GW06319TE | BROMOFORM                      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 00197    | 5/20/99     | GW06319TE | BROMOMETHANE                   | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 00197    | 5/20/99     | GW06319TE | CARBON TETRACHLORIDE           | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 00197    | 5/20/99     | GW06319TE | CHLOROBENZENE                  | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | REAL    |
| 00197    | 5/20/99     | GW06319TE | CHLOROETHANE                   | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 00197    | 5/20/99     | GW06319TE | CHLOROFORM                     | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 00197    | 5/20/99     | GW06319TE | CHLOROMETHANE                  | 0.5    | UG/L  | J        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 00197    | 5/20/99     | GW06319TE | cis-1,2-DICHLOROETHENE         | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 00197    | 5/20/99     | GW06319TE | cis-1,3-DICHLOROPROPENE        | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 00197    | 5/20/99     | GW06319TE | DIBROMOCHLOROMETHANE           | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 00197    | 5/20/99     | GW06319TE | DIBROMOMETHANE                 | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 00197    | 5/20/99     | GW06319TE | DICHLORODIFLUOROMETHANE        | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 00197    | 5/20/99     | GW06319TE | ETHYLBENZENE                   | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | REAL    |
| 00197    | 5/20/99     | GW06319TE | HEXACHLOROBUTADIENE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 00197    | 5/20/99     | GW06319TE | ISOPROPYLBENZENE               | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | REAL    |
| 00197    | 5/20/99     | GW06319TE | METHYLENE CHLORIDE             | 0.6    | UG/L  | JB       | 1       | 1    | JB1   | TR1         | Plume Extent   | REAL    |
| 00197    | 5/20/99     | GW06319TE | NAPHTHALENE                    | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | REAL    |
| 00197    | 5/20/99     | GW06319TE | n-BUTYLBENZENE                 | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | REAL    |
| 00197    | 5/20/99     | GW06319TE | n-PROPYLBENZENE                | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | REAL    |
| 00197    | 5/20/99     | GW06319TE | o-CHLOROTOLUENE                | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | REAL    |
| 00197    | 5/20/99     | GW06319TE | p-CHLOROTOLUENE                | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | REAL    |
| 00197    | 5/20/99     | GW06319TE | PROPANE, 1,2-DIBROMO-3-CHLORO- | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 00197    | 5/20/99     | GW06319TE | sec-BUTYLBENZENE               | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | REAL    |
| 00197    | 5/20/99     | GW06319TE | STYRENE                        | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | REAL    |
| 00197    | 5/20/99     | GW06319TE | tert-BUTYLBENZENE              | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | REAL    |
| 00197    | 5/20/99     | GW06319TE | TETRACHLOROETHENE              | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 00197    | 5/20/99     | GW06319TE | TOLUENE                        | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | REAL    |
| 00197    | 5/20/99     | GW06319TE | TOTAL XYLEMES                  | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | REAL    |
| 00197    | 5/20/99     | GW06319TE | trans-1,2-DICHLOROETHENE       | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 00197    | 5/20/99     | GW06319TE | trans-1,3-DICHLOROPROPENE      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 00197    | 5/20/99     | GW06319TE | TRICHLOROETHENE                | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 00197    | 5/20/99     | GW06319TE | TRICHLOROFLUOROMETHANE         | 0.4    | UG/L  | JB       | 1       | 1    | JB1   | TR1         | Plume Extent   | REAL    |
| 00197    | 5/20/99     | GW06319TE | VINYL CHLORIDE                 | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 00397    | 5/5/99      | GW06321TE | 1,1,1,2-TETRACHLOROETHANE      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 00397    | 5/5/99      | GW06321TE | 1,1,1-TRICHLOROETHANE          | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 00397    | 5/5/99      | GW06321TE | 1,1,2,2-TETRACHLOROETHANE      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 00397    | 5/5/99      | GW06321TE | 1,1,2-TRICHLOROETHANE          | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 00397    | 5/5/99      | GW06321TE | 1,1-DICHLOROETHANE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 00397    | 5/5/99      | GW06321TE | 1,1-DICHLOROETHENE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 00397    | 5/5/99      | GW06321TE | 1,1-DICHLOROPROPENE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |

## Appendix A: Groundwater Analytical Data - VOCs

Second Quarter 1999

| Location | Sample Date | Sample # | Analyte   | Result                         | Units | Lab Qual | Det Lim | Dilu | Valid | Result Type | IMP Well Class | QC Type         |      |
|----------|-------------|----------|-----------|--------------------------------|-------|----------|---------|------|-------|-------------|----------------|-----------------|------|
|          | 00397       | 5/5/99   | GW06321TE | 1,2,3-TRICHLOROBENZENE         | 1     | UG/L     | U       | 1    | 1     | UJ1         | TR1            | Plume Extent    | REAL |
|          | 00397       | 5/5/99   | GW06321TE | 1,2,3-TRICHLOROPROPANE         | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Plume Extent    | REAL |
|          | 00397       | 5/5/99   | GW06321TE | 1,2,4-TRICHLOROBENZENE         | 1     | UG/L     | U       | 1    | 1     | UJ1         | TR1            | Plume Extent    | REAL |
|          | 00397       | 5/5/99   | GW06321TE | 1,2-DIBROMOETHANE              | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Plume Extent    | REAL |
|          | 00397       | 5/5/99   | GW06321TE | 1,2-DICHLOROBENZENE            | 1     | UG/L     | U       | 1    | 1     | UJ1         | TR1            | Plume Extent    | REAL |
|          | 00397       | 5/5/99   | GW06321TE | 1,2-DICHLOROPROPANE            | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Plume Extent    | REAL |
|          | 00397       | 5/5/99   | GW06321TE | 1,3-DICHLOROBENZENE            | 1     | UG/L     | U       | 1    | 1     | UJ1         | TR1            | Plume Extent    | REAL |
|          | 00397       | 5/5/99   | GW06321TE | 1,3-DICHLOROPROPANE            | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Plume Extent    | REAL |
|          | 00397       | 5/5/99   | GW06321TE | 1,4-DICHLOROBENZENE            | 1     | UG/L     | U       | 1    | 1     | UJ1         | TR1            | Plume Extent    | REAL |
|          | 00397       | 5/5/99   | GW06321TE | 2,2-DICHLOROPROPANE            | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Plume Extent    | REAL |
|          | 00397       | 5/5/99   | GW06321TE | 4-ISOPROPYL TOLUENE            | 1     | UG/L     | U       | 1    | 1     | UJ1         | TR1            | Plume Extent    | REAL |
|          | 00397       | 5/5/99   | GW06321TE | BENZENE                        | 1     | UG/L     | U       | 1    | 1     | UJ1         | TR1            | Plume Extent    | REAL |
|          | 00397       | 5/5/99   | GW06321TE | BENZENE, 1,2,4-TRIMETHYL       | 1     | UG/L     | U       | 1    | 1     | UJ1         | TR1            | Plume Extent    | REAL |
|          | 00397       | 5/5/99   | GW06321TE | BENZENE, 1,3,5-TRIMETHYL-      | 1     | UG/L     | U       | 1    | 1     | UJ1         | TR1            | Plume Extent    | REAL |
|          | 00397       | 5/5/99   | GW06321TE | BROMOBENZENE                   | 1     | UG/L     | U       | 1    | 1     | UJ1         | TR1            | Plume Extent    | REAL |
|          | 00397       | 5/5/99   | GW06321TE | BROMOCHLOROMETHANE             | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Plume Extent    | REAL |
|          | 00397       | 5/5/99   | GW06321TE | BROMODICHLOROMETHANE           | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Plume Extent    | REAL |
|          | 00397       | 5/5/99   | GW06321TE | BROMOFORM                      | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Plume Extent    | REAL |
|          | 00397       | 5/5/99   | GW06321TE | BROMOMETHANE                   | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Plume Extent    | REAL |
|          | 00397       | 5/5/99   | GW06321TE | CARBON TETRACHLORIDE           | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Plume Extent    | REAL |
|          | 00397       | 5/5/99   | GW06321TE | CHLOROBENZENE                  | 1     | UG/L     | U       | 1    | 1     | UJ1         | TR1            | Plume Extent    | REAL |
|          | 00397       | 5/5/99   | GW06321TE | CHLOROETHANE                   | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Plume Extent    | REAL |
|          | 00397       | 5/5/99   | GW06321TE | CHLOROFORM                     | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Plume Extent    | REAL |
|          | 00397       | 5/5/99   | GW06321TE | CHLOROMETHANE                  | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Plume Extent    | REAL |
|          | 00397       | 5/5/99   | GW06321TE | cis-1,2-DICHLOROETHENE         | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Plume Extent    | REAL |
|          | 00397       | 5/5/99   | GW06321TE | cis-1,3-DICHLOROPROPENE        | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Plume Extent    | REAL |
|          | 00397       | 5/5/99   | GW06321TE | DIBROMOCHLOROMETHANE           | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Plume Extent    | REAL |
|          | 00397       | 5/5/99   | GW06321TE | DIBROMOMETHANE                 | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Plume Extent    | REAL |
|          | 00397       | 5/5/99   | GW06321TE | DICHLORODIFLUOROMETHANE        | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Plume Extent    | REAL |
|          | 00397       | 5/5/99   | GW06321TE | ETHYLBENZENE                   | 1     | UG/L     | U       | 1    | 1     | UJ1         | TR1            | Plume Extent    | REAL |
|          | 00397       | 5/5/99   | GW06321TE | HEXACHLOROBUTADIENE            | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Plume Extent    | REAL |
|          | 00397       | 5/5/99   | GW06321TE | ISOPROPYL BENZENE              | 1     | UG/L     | U       | 1    | 1     | UJ1         | TR1            | Plume Extent    | REAL |
|          | 00397       | 5/5/99   | GW06321TE | METHYLENE CHLORIDE             | 0.2   | UG/L     | BJ      | 1    | 1     | JB1         | TR1            | Plume Extent    | REAL |
|          | 00397       | 5/5/99   | GW06321TE | NAPHTHALENE                    | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Plume Extent    | REAL |
|          | 00397       | 5/5/99   | GW06321TE | n-BUTYL BENZENE                | 1     | UG/L     | U       | 1    | 1     | UJ1         | TR1            | Plume Extent    | REAL |
|          | 00397       | 5/5/99   | GW06321TE | n-PROPYLBENZENE                | 1     | UG/L     | U       | 1    | 1     | UJ1         | TR1            | Plume Extent    | REAL |
|          | 00397       | 5/5/99   | GW06321TE | o-CHLOROTOLUENE                | 1     | UG/L     | U       | 1    | 1     | UJ1         | TR1            | Plume Extent    | REAL |
|          | 00397       | 5/5/99   | GW06321TE | p-CHLOROTOLUENE                | 1     | UG/L     | U       | 1    | 1     | UJ1         | TR1            | Plume Extent    | REAL |
|          | 00397       | 5/5/99   | GW06321TE | PROPANE, 1,2-DIBROMO-3-CHLORO- | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Plume Extent    | REAL |
|          | 00397       | 5/5/99   | GW06321TE | sec-BUTYLBENZENE               | 1     | UG/L     | U       | 1    | 1     | UJ1         | TR1            | Plume Extent    | REAL |
|          | 00397       | 5/5/99   | GW06321TE | STYRENE                        | 1     | UG/L     | U       | 1    | 1     | UJ1         | TR1            | Plume Extent    | REAL |
|          | 00397       | 5/5/99   | GW06321TE | tert-BUTYLBENZENE              | 1     | UG/L     | U       | 1    | 1     | UJ1         | TR1            | Plume Extent    | REAL |
|          | 00397       | 5/5/99   | GW06321TE | TETRACHLOROETHENE              | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Plume Extent    | REAL |
|          | 00397       | 5/5/99   | GW06321TE | TOLUENE                        | 1     | UG/L     | U       | 1    | 1     | UJ1         | TR1            | Plume Extent    | REAL |
|          | 00397       | 5/5/99   | GW06321TE | TOTAL XYLEMES                  | 1     | UG/L     | U       | 1    | 1     | UJ1         | TR1            | Plume Extent    | REAL |
|          | 00397       | 5/5/99   | GW06321TE | trans-1,2-DICHLOROETHENE       | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Plume Extent    | REAL |
|          | 00397       | 5/5/99   | GW06321TE | trans-1,3-DICHLOROPROPENE      | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Plume Extent    | REAL |
|          | 00397       | 5/5/99   | GW06321TE | TRICHLOROETHENE                | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Plume Extent    | REAL |
|          | 00397       | 5/5/99   | GW06321TE | TRICHLOROFUOROMETHANE          | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Plume Extent    | REAL |
|          | 00397       | 5/5/99   | GW06321TE | VINYL CHLORIDE                 | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Plume Extent    | REAL |
|          | 00897       | 5/18/99  | GW06322TE | 1,1,1,2-TETRACHLOROETHANE      | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Perf Monitoring | REAL |
|          | 00897       | 5/18/99  | GW06322TE | 1,1,1-TRICHLOROETHANE          | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Perf Monitoring | REAL |
|          | 00897       | 5/18/99  | GW06322TE | 1,1,2,2-TETRACHLOROETHANE      | 3     | UG/L     |         | 1    | 1     | V1          | TR1            | Perf Monitoring | REAL |
|          | 00897       | 5/18/99  | GW06322TE | 1,1,2-TRICHLOROETHANE          | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Perf Monitoring | REAL |
|          | 00897       | 5/18/99  | GW06322TE | 1,1-DICHLOROETHANE             | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Perf Monitoring | REAL |
|          | 00897       | 5/18/99  | GW06322TE | 1,1-DICHLOROETHENE             | 0.3   | UG/L     | J       | 1    | 1     | V1          | TR1            | Perf Monitoring | REAL |
|          | 00897       | 5/18/99  | GW06322TE | 1,1-DICHLOROPROPENE            | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Perf Monitoring | REAL |
|          | 00897       | 5/18/99  | GW06322TE | 1,2,3-TRICHLOROBENZENE         | 1     | UG/L     | U       | 1    | 1     | UJ1         | TR1            | Perf Monitoring | REAL |
|          | 00897       | 5/18/99  | GW06322TE | 1,2,3-TRICHLOROPROPANE         | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Perf Monitoring | REAL |
|          | 00897       | 5/18/99  | GW06322TE | 1,2,4-TRICHLOROBENZENE         | 1     | UG/L     | U       | 1    | 1     | UJ1         | TR1            | Perf Monitoring | REAL |
|          | 00897       | 5/18/99  | GW06322TE | 1,2-DIBROMOETHANE              | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Perf Monitoring | REAL |
|          | 00897       | 5/18/99  | GW06322TE | 1,2-DICHLOROBENZENE            | 1     | UG/L     | U       | 1    | 1     | UJ1         | TR1            | Perf Monitoring | REAL |
|          | 00897       | 5/18/99  | GW06322TE | 1,2-DICHLOROPROPANE            | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Perf Monitoring | REAL |
|          | 00897       | 5/18/99  | GW06322TE | 1,3-DICHLOROBENZENE            | 1     | UG/L     | U       | 1    | 1     | UJ1         | TR1            | Perf Monitoring | REAL |

## Appendix A: Groundwater Analytical Data - VOCs

Second Quarter 1999

| Location | Sample Date | Sample #  | Analyte                        | Result | Units | Lab Qual | Det Lim | Dilu | Valid | Result Type | IMP Well Class  | QC Type |
|----------|-------------|-----------|--------------------------------|--------|-------|----------|---------|------|-------|-------------|-----------------|---------|
| 00897    | 5/18/99     | GW06322TE | 1,3-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 00897    | 5/18/99     | GW06322TE | 1,4-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Perf Monitoring | REAL    |
| 00897    | 5/18/99     | GW06322TE | 2,2-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 00897    | 5/18/99     | GW06322TE | 4-ISOPROPYLtoluene             | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Perf Monitoring | REAL    |
| 00897    | 5/18/99     | GW06322TE | BENZENE                        | 0.2    | UG/L  | J        | 1       | 1    | J1    | TR1         | Perf Monitoring | REAL    |
| 00897    | 5/18/99     | GW06322TE | BENZENE, 1,2,4-TRIMETHYL       | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Perf Monitoring | REAL    |
| 00897    | 5/18/99     | GW06322TE | BENZENE, 1,3,5-TRIMETHYL-      | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Perf Monitoring | REAL    |
| 00897    | 5/18/99     | GW06322TE | BROMOBENZENE                   | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Perf Monitoring | REAL    |
| 00897    | 5/18/99     | GW06322TE | BROMOCHLOROMETHANE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 00897    | 5/18/99     | GW06322TE | BROMODICHLOROMETHANE           | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 00897    | 5/18/99     | GW06322TE | BROMOFORM                      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 00897    | 5/18/99     | GW06322TE | BROMOMETHANE                   | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 00897    | 5/18/99     | GW06322TE | CARBON TETRACHLORIDE           | 0.1    | UG/L  | J        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 00897    | 5/18/99     | GW06322TE | CHLOROBENZENE                  | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Perf Monitoring | REAL    |
| 00897    | 5/18/99     | GW06322TE | CHLOROETHANE                   | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 00897    | 5/18/99     | GW06322TE | CHLOROFORM                     | 3      | UG/L  |          | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 00897    | 5/18/99     | GW06322TE | CHLOROMETHANE                  | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 00897    | 5/18/99     | GW06322TE | cis-1,2-DICHLOROETHENE         | 39     | UG/L  | E        | 1       | 1    | J1    | TR1         | Perf Monitoring | REAL    |
| 00897    | 5/18/99     | GW06322TE | cis-1,3-DICHLOROPROPENE        | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 00897    | 5/18/99     | GW06322TE | DIBROMOCHLOROMETHANE           | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 00897    | 5/18/99     | GW06322TE | DIBROMOMETHANE                 | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 00897    | 5/18/99     | GW06322TE | DICHLORODIFLUOROMETHANE        | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 00897    | 5/18/99     | GW06322TE | ETHYLBENZENE                   | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Perf Monitoring | REAL    |
| 00897    | 5/18/99     | GW06322TE | HEXACHLOROBUTADIENE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 00897    | 5/18/99     | GW06322TE | ISOPROPYLBENZENE               | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Perf Monitoring | REAL    |
| 00897    | 5/18/99     | GW06322TE | METHYLENE CHLORIDE             | 1      | UG/L  | B        | 1       | 1    | UJ1   | TR1         | Perf Monitoring | REAL    |
| 00897    | 5/18/99     | GW06322TE | NAPHTHALENE                    | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Perf Monitoring | REAL    |
| 00897    | 5/18/99     | GW06322TE | n-BUTYLBENZENE                 | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Perf Monitoring | REAL    |
| 00897    | 5/18/99     | GW06322TE | n-PROPYLBENZENE                | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Perf Monitoring | REAL    |
| 00897    | 5/18/99     | GW06322TE | o-CHLOROTOLUENE                | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Perf Monitoring | REAL    |
| 00897    | 5/18/99     | GW06322TE | p-CHLOROTOLUENE                | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Perf Monitoring | REAL    |
| 00897    | 5/18/99     | GW06322TE | PROPANE, 1,2-DIBROMO-3-CHLORO- | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 00897    | 5/18/99     | GW06322TE | sec-BUTYLBENZENE               | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Perf Monitoring | REAL    |
| 00897    | 5/18/99     | GW06322TE | STYRENE                        | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Perf Monitoring | REAL    |
| 00897    | 5/18/99     | GW06322TE | tert-BUTYLBENZENE              | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Perf Monitoring | REAL    |
| 00897    | 5/18/99     | GW06322TE | TETRACHLOROETHENE              | 990    | UG/L  | E        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 00897    | 5/18/99     | GW06322TE | TOLUENE                        | 0.4    | UG/L  | J        | 1       | 1    | J1    | TR1         | Perf Monitoring | REAL    |
| 00897    | 5/18/99     | GW06322TE | TOTAL XYLEMES                  | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Perf Monitoring | REAL    |
| 00897    | 5/18/99     | GW06322TE | trans-1,2-DICHLOROETHENE       | 0.2    | UG/L  | J        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 00897    | 5/18/99     | GW06322TE | trans-1,3-DICHLOROPROPENE      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 00897    | 5/18/99     | GW06322TE | TRICHLOROETHENE                | 760    | UG/L  | E        | 1       | 1    | 1     | TR1         | Perf Monitoring | REAL    |
| 00897    | 5/18/99     | GW06322TE | TRICHLOROFLUOROMETHANE         | 0.2    | UG/L  | J        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 00897    | 5/18/99     | GW06322TE | VINYL CHLORIDE                 | 0.2    | UG/L  | J        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 00897    | 5/18/99     | GW06322TE | 1,1,1,2-TETRACHLOROETHANE      | 1000   | UG/L  | U        | 1000    | 1000 | 1     | TR2         | Perf Monitoring | REAL    |
| 00897    | 5/18/99     | GW06322TE | 1,1,1-TRICHLOROETHANE          | 1000   | UG/L  | U        | 1000    | 1000 | 1     | TR2         | Perf Monitoring | REAL    |
| 00897    | 5/18/99     | GW06322TE | 1,1,2,2-TETRACHLOROETHANE      | 1000   | UG/L  | U        | 1000    | 1000 | 1     | TR2         | Perf Monitoring | REAL    |
| 00897    | 5/18/99     | GW06322TE | 1,1,2-TRICHLOROETHANE          | 1000   | UG/L  | U        | 1000    | 1000 | 1     | TR2         | Perf Monitoring | REAL    |
| 00897    | 5/18/99     | GW06322TE | 1,1-DICHLOROETHANE             | 1000   | UG/L  | U        | 1000    | 1000 | 1     | TR2         | Perf Monitoring | REAL    |
| 00897    | 5/18/99     | GW06322TE | 1,1-DICHLOROETHENE             | 1000   | UG/L  | U        | 1000    | 1000 | 1     | TR2         | Perf Monitoring | REAL    |
| 00897    | 5/18/99     | GW06322TE | 1,1-DICHLOROPROPENE            | 1000   | UG/L  | U        | 1000    | 1000 | 1     | TR2         | Perf Monitoring | REAL    |
| 00897    | 5/18/99     | GW06322TE | 1,2,3-TRICHLOROBENZENE         | 1000   | UG/L  | U        | 1000    | 1000 | 1     | TR2         | Perf Monitoring | REAL    |
| 00897    | 5/18/99     | GW06322TE | 1,2,3-TRICHLOROPROPANE         | 1000   | UG/L  | U        | 1000    | 1000 | 1     | TR2         | Perf Monitoring | REAL    |
| 00897    | 5/18/99     | GW06322TE | 1,2,4-TRICHLOROBENZENE         | 1000   | UG/L  | U        | 1000    | 1000 | 1     | TR2         | Perf Monitoring | REAL    |
| 00897    | 5/18/99     | GW06322TE | 1,2-DIBROMOETHANE              | 1000   | UG/L  | U        | 1000    | 1000 | 1     | TR2         | Perf Monitoring | REAL    |
| 00897    | 5/18/99     | GW06322TE | 1,2-DICHLOROBENZENE            | 1000   | UG/L  | U        | 1000    | 1000 | 1     | TR2         | Perf Monitoring | REAL    |
| 00897    | 5/18/99     | GW06322TE | 1,2-DICHLOROETHANE             | 1000   | UG/L  | U        | 1000    | 1000 | 1     | TR2         | Perf Monitoring | REAL    |
| 00897    | 5/18/99     | GW06322TE | 1,2-DICHLOROPROPANE            | 1000   | UG/L  | U        | 1000    | 1000 | 1     | TR2         | Perf Monitoring | REAL    |
| 00897    | 5/18/99     | GW06322TE | 1,3-DICHLOROBENZENE            | 1000   | UG/L  | U        | 1000    | 1000 | 1     | TR2         | Perf Monitoring | REAL    |
| 00897    | 5/18/99     | GW06322TE | 1,3-DICHLOROPROPANE            | 1000   | UG/L  | U        | 1000    | 1000 | 1     | TR2         | Perf Monitoring | REAL    |
| 00897    | 5/18/99     | GW06322TE | 1,4-DICHLOROBENZENE            | 1000   | UG/L  | U        | 1000    | 1000 | 1     | TR2         | Perf Monitoring | REAL    |
| 00897    | 5/18/99     | GW06322TE | 2,2-DICHLOROPROPANE            | 1000   | UG/L  | U        | 1000    | 1000 | 1     | TR2         | Perf Monitoring | REAL    |
| 00897    | 5/18/99     | GW06322TE | 4-ISOPROPYLtoluene             | 1000   | UG/L  | U        | 1000    | 1000 | 1     | TR2         | Perf Monitoring | REAL    |
| 00897    | 5/18/99     | GW06322TE | BENZENE                        | 1000   | UG/L  | U        | 1000    | 1000 | 1     | TR2         | Perf Monitoring | REAL    |
| 00897    | 5/18/99     | GW06322TE | BENZENE, 1,2,4-TRIMETHYL       | 1000   | UG/L  | U        | 1000    | 1000 | 1     | TR2         | Perf Monitoring | REAL    |

## Appendix A: Groundwater Analytical Data - VOCs

Second Quarter 1999

| Location | Sample Date | Sample # | Analyte                                  | Result | Units | Lab Qual | Det Lim | Dilu | Valid | Result Type | IMP Well Class  | QC Type |
|----------|-------------|----------|--|--------|-------|----------|---------|------|-------|-------------|-----------------|---------|
|          | 00897       | 5/18/99  | GW06322TE BENZENE, 1,3,5-TRIMETHYL-      | 1000   | UG/L  | U        | 1000    | 1000 | 1     | TR2         | Perf Monitoring | REAL    |
|          | 00897       | 5/18/99  | GW06322TE BROMOBENZENE                   | 1000   | UG/L  | U        | 1000    | 1000 | 1     | TR2         | Perf Monitoring | REAL    |
|          | 00897       | 5/18/99  | GW06322TE BROMOCHLOROMETHANE             | 1000   | UG/L  | U        | 1000    | 1000 | 1     | TR2         | Perf Monitoring | REAL    |
|          | 00897       | 5/18/99  | GW06322TE BROMODICHLOROMETHANE           | 1000   | UG/L  | U        | 1000    | 1000 | 1     | TR2         | Perf Monitoring | REAL    |
|          | 00897       | 5/18/99  | GW06322TE BROMOFORM                      | 1000   | UG/L  | U        | 1000    | 1000 | 1     | TR2         | Perf Monitoring | REAL    |
|          | 00897       | 5/18/99  | GW06322TE BROMOMETHANE                   | 1000   | UG/L  | U        | 1000    | 1000 | 1     | TR2         | Perf Monitoring | REAL    |
|          | 00897       | 5/18/99  | GW06322TE CARBON TETRACHLORIDE           | 1000   | UG/L  | U        | 1000    | 1000 | 1     | TR2         | Perf Monitoring | REAL    |
|          | 00897       | 5/18/99  | GW06322TE CHLOROBENZENE                  | 1000   | UG/L  | U        | 1000    | 1000 | 1     | TR2         | Perf Monitoring | REAL    |
|          | 00897       | 5/18/99  | GW06322TE CHLOROETHANE                   | 1000   | UG/L  | U        | 1000    | 1000 | 1     | TR2         | Perf Monitoring | REAL    |
|          | 00897       | 5/18/99  | GW06322TE CHLOROFORM                     | 1000   | UG/L  | U        | 1000    | 1000 | 1     | TR2         | Perf Monitoring | REAL    |
|          | 00897       | 5/18/99  | GW06322TE CHLOROMETHANE                  | 1000   | UG/L  | U        | 1000    | 1000 | 1     | TR2         | Perf Monitoring | REAL    |
|          | 00897       | 5/18/99  | GW06322TE cis-1,2-DICHLOROETHENE         | 1000   | UG/L  | U        | 1000    | 1000 | 1     | TR2         | Perf Monitoring | REAL    |
|          | 00897       | 5/18/99  | GW06322TE cis-1,3-DICHLOROPROPENE        | 1000   | UG/L  | U        | 1000    | 1000 | 1     | TR2         | Perf Monitoring | REAL    |
|          | 00897       | 5/18/99  | GW06322TE DIBROMOCHLOROMETHANE           | 1000   | UG/L  | U        | 1000    | 1000 | 1     | TR2         | Perf Monitoring | REAL    |
|          | 00897       | 5/18/99  | GW06322TE DIBROMOMETHANE                 | 1000   | UG/L  | U        | 1000    | 1000 | 1     | TR2         | Perf Monitoring | REAL    |
|          | 00897       | 5/18/99  | GW06322TE DICHLORODIFLUOROMETHANE        | 1000   | UG/L  | U        | 1000    | 1000 | 1     | TR2         | Perf Monitoring | REAL    |
|          | 00897       | 5/18/99  | GW06322TE ETHYLBENZENE                   | 1000   | UG/L  | U        | 1000    | 1000 | 1     | TR2         | Perf Monitoring | REAL    |
|          | 00897       | 5/18/99  | GW06322TE HEXACHLOROBUTADIENE            | 1000   | UG/L  | U        | 1000    | 1000 | 1     | TR2         | Perf Monitoring | REAL    |
|          | 00897       | 5/18/99  | GW06322TE ISOPROPYLBENZENE               | 1000   | UG/L  | U        | 1000    | 1000 | 1     | TR2         | Perf Monitoring | REAL    |
|          | 00897       | 5/18/99  | GW06322TE METHYLENE CHLORIDE             | 3200   | UG/L  | BD       | 1000    | 1000 | 1     | TR2         | Perf Monitoring | REAL    |
|          | 00897       | 5/18/99  | GW06322TE NAPHTHALENE                    | 1000   | UG/L  | U        | 1000    | 1000 | 1     | TR2         | Perf Monitoring | REAL    |
|          | 00897       | 5/18/99  | GW06322TE n-BUTYLBENZENE                 | 1000   | UG/L  | U        | 1000    | 1000 | 1     | TR2         | Perf Monitoring | REAL    |
|          | 00897       | 5/18/99  | GW06322TE n-PROPYLBENZENE                | 1000   | UG/L  | U        | 1000    | 1000 | 1     | TR2         | Perf Monitoring | REAL    |
|          | 00897       | 5/18/99  | GW06322TE o-CHLOROTOLUENE                | 1000   | UG/L  | U        | 1000    | 1000 | 1     | TR2         | Perf Monitoring | REAL    |
|          | 00897       | 5/18/99  | GW06322TE p-CHLOROTOLUENE                | 1000   | UG/L  | U        | 1000    | 1000 | 1     | TR2         | Perf Monitoring | REAL    |
|          | 00897       | 5/18/99  | GW06322TE PROPANE, 1,2-DIBROMO-3-CHLORO- | 1000   | UG/L  | U        | 1000    | 1000 | 1     | TR2         | Perf Monitoring | REAL    |
|          | 00897       | 5/18/99  | GW06322TE sec-BUTYLBENZENE               | 1000   | UG/L  | U        | 1000    | 1000 | 1     | TR2         | Perf Monitoring | REAL    |
|          | 00897       | 5/18/99  | GW06322TE STYRENE                        | 1000   | UG/L  | U        | 1000    | 1000 | 1     | TR2         | Perf Monitoring | REAL    |
|          | 00897       | 5/18/99  | GW06322TE tert-BUTYLBENZENE              | 1000   | UG/L  | U        | 1000    | 1000 | 1     | TR2         | Perf Monitoring | REAL    |
|          | 00897       | 5/18/99  | GW06322TE TETRACHLOROETHENE              | 19000  | UG/L  | BD       | 1000    | 1000 | V1    | TR2         | Perf Monitoring | REAL    |
|          | 00897       | 5/18/99  | GW06322TE TOLUENE                        | 1000   | UG/L  | U        | 1000    | 1000 | 1     | TR2         | Perf Monitoring | REAL    |
|          | 00897       | 5/18/99  | GW06322TE TOTAL XYLEMES                  | 1000   | UG/L  | U        | 1000    | 1000 | 1     | TR2         | Perf Monitoring | REAL    |
|          | 00897       | 5/18/99  | GW06322TE trans-1,2-DICHLOROETHENE       | 1000   | UG/L  | U        | 1000    | 1000 | 1     | TR2         | Perf Monitoring | REAL    |
|          | 00897       | 5/18/99  | GW06322TE trans-1,3-DICHLOROPROPENE      | 1000   | UG/L  | U        | 1000    | 1000 | 1     | TR2         | Perf Monitoring | REAL    |
|          | 00897       | 5/18/99  | GW06322TE TRICHLOROETHENE                | 1700   | UG/L  | D        | 1000    | 1000 | V1    | TR2         | Perf Monitoring | REAL    |
|          | 00897       | 5/18/99  | GW06322TE TRICHLOROFLUOROMETHANE         | 1000   | UG/L  | U        | 1000    | 1000 | 1     | TR2         | Perf Monitoring | REAL    |
|          | 00897       | 5/18/99  | GW06322TE VINYL CHLORIDE                 | 1000   | UG/L  | U        | 1000    | 1000 | 1     | TR2         | Perf Monitoring | REAL    |
|          | 02197       | 5/25/99  | GW06323TE 1,1,1,2-TETRACHLOROETHANE      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
|          | 02197       | 5/25/99  | GW06323TE 1,1,1-TRICHLOROETHANE          | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
|          | 02197       | 5/25/99  | GW06323TE 1,1,2,2-TETRACHLOROETHANE      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
|          | 02197       | 5/25/99  | GW06323TE 1,1,2-TRICHLOROETHANE          | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
|          | 02197       | 5/25/99  | GW06323TE 1,1-DICHLOROETHANE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
|          | 02197       | 5/25/99  | GW06323TE 1,1-DICHLOROETHENE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
|          | 02197       | 5/25/99  | GW06323TE 1,1-DICHLOROPROPENE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
|          | 02197       | 5/25/99  | GW06323TE 1,2,3-TRICHLOROBENZENE         | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent    | REAL    |
|          | 02197       | 5/25/99  | GW06323TE 1,2,3-TRICHLOROPROPANE         | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
|          | 02197       | 5/25/99  | GW06323TE 1,2,4-TRICHLOROBENZENE         | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent    | REAL    |
|          | 02197       | 5/25/99  | GW06323TE 1,2-DIBROMOETHANE              | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
|          | 02197       | 5/25/99  | GW06323TE 1,2-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent    | REAL    |
|          | 02197       | 5/25/99  | GW06323TE 1,2-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
|          | 02197       | 5/25/99  | GW06323TE 1,3-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent    | REAL    |
|          | 02197       | 5/25/99  | GW06323TE 1,3-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
|          | 02197       | 5/25/99  | GW06323TE 1,4-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent    | REAL    |
|          | 02197       | 5/25/99  | GW06323TE 2,2-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
|          | 02197       | 5/25/99  | GW06323TE 4-ISOPROPYLtoluene             | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent    | REAL    |
|          | 02197       | 5/25/99  | GW06323TE BENZENE                        | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent    | REAL    |
|          | 02197       | 5/25/99  | GW06323TE BENZENE, 1,2,4-TRIMETHYL-      | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent    | REAL    |
|          | 02197       | 5/25/99  | GW06323TE BROMOBENZENE                   | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent    | REAL    |
|          | 02197       | 5/25/99  | GW06323TE BROMOCHLOROMETHANE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
|          | 02197       | 5/25/99  | GW06323TE BROMODICHLOROMETHANE           | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
|          | 02197       | 5/25/99  | GW06323TE BROMOFORM                      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
|          | 02197       | 5/25/99  | GW06323TE BROMOMETHANE                   | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
|          | 02197       | 5/25/99  | GW06323TE CARBON TETRACHLORIDE           | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |

## Appendix A: Groundwater Analytical Data - VOCs

Second Quarter 1999

| Location | Sample Date | Sample #  | Analyte                        | Result | Units | Lab Qual | Det Lim | Dilu | Valid | Result Type | IMP Well Class  | QC Type |
|----------|-------------|-----------|--------------------------------|--------|-------|----------|---------|------|-------|-------------|-----------------|---------|
| 02197    | 5/25/99     | GW06323TE | CHLOROBENZENE                  | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent    | REAL    |
| 02197    | 5/25/99     | GW06323TE | CHLOROETHANE                   | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 02197    | 5/25/99     | GW06323TE | CHLOROFORM                     | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 02197    | 5/25/99     | GW06323TE | CHLOROMETHANE                  | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 02197    | 5/25/99     | GW06323TE | cis-1,2-DICHLOROETHENE         | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 02197    | 5/25/99     | GW06323TE | cis-1,3-DICHLOROPROPENE        | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 02197    | 5/25/99     | GW06323TE | DIBROMOCHLOROMETHANE           | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 02197    | 5/25/99     | GW06323TE | DIBROMOMETHANE                 | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 02197    | 5/25/99     | GW06323TE | DICHLORODIFLUOROMETHANE        | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 02197    | 5/25/99     | GW06323TE | ETHYLBENZENE                   | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent    | REAL    |
| 02197    | 5/25/99     | GW06323TE | HEXACHLOROBUTADIENE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 02197    | 5/25/99     | GW06323TE | ISOPROPYLBENZENE               | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent    | REAL    |
| 02197    | 5/25/99     | GW06323TE | METHYLENE CHLORIDE             | 0.7    | UG/L  | BJ       | 1       | 1    | JB1   | TR1         | Plume Extent    | REAL    |
| 02197    | 5/25/99     | GW06323TE | NAPHTHALENE                    | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent    | REAL    |
| 02197    | 5/25/99     | GW06323TE | n-BUTYLBENZENE                 | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent    | REAL    |
| 02197    | 5/25/99     | GW06323TE | n-PROPYLBENZENE                | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent    | REAL    |
| 02197    | 5/25/99     | GW06323TE | o-CHLOROTOLUENE                | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent    | REAL    |
| 02197    | 5/25/99     | GW06323TE | p-CHLOROTOLUENE                | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent    | REAL    |
| 02197    | 5/25/99     | GW06323TE | PROPANE, 1,2-DIBROMO-3-CHLORO- | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 02197    | 5/25/99     | GW06323TE | sec-BUTYLBENZENE               | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent    | REAL    |
| 02197    | 5/25/99     | GW06323TE | STYRENE                        | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent    | REAL    |
| 02197    | 5/25/99     | GW06323TE | tert-BUTYLBENZENE              | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent    | REAL    |
| 02197    | 5/25/99     | GW06323TE | TETRACHLOROETHENE              | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 02197    | 5/25/99     | GW06323TE | TOLUENE                        | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent    | REAL    |
| 02197    | 5/25/99     | GW06323TE | TOTAL XYLEMES                  | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent    | REAL    |
| 02197    | 5/25/99     | GW06323TE | trans-1,2-DICHLOROETHENE       | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 02197    | 5/25/99     | GW06323TE | trans-1,3-DICHLOROPROPENE      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 02197    | 5/25/99     | GW06323TE | TRICHLOROETHENE                | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 02197    | 5/25/99     | GW06323TE | TRICHLOROFLUOROMETHANE         | 0.2    | UG/L  | BJ       | 1       | 1    | JB1   | TR1         | Plume Extent    | REAL    |
| 02197    | 5/25/99     | GW06323TE | VINYL CHLORIDE                 | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 02291    | 5/19/99     | GW06324TE | 1,1,1,2-TETRACHLOROETHANE      | 1      | UG/L  |          | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | 1,1,1-TRICHLOROETHANE          | 2      | UG/L  |          | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | 1,1,2,2-TETRACHLOROETHANE      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | 1,1,2-TRICHLOROETHANE          | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | 1,1-DICHLOROETHANE             | 2      | UG/L  |          | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | 1,1-DICHLOROETHENE             | 3      | UG/L  |          | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | 1,1-DICHLOROPROPENE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | 1,2,3-TRICHLOROBENZENE         | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | 1,2,3-TRICHLOROPROPANE         | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | 1,2,4-TRICHLOROBENZENE         | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | 1,2-DIBROMOETHANE              | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | 1,2-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | 1,2-DICHLOROETHANE             | 0.1    | UG/L  | J        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | 1,2-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | 1,3-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | 1,3-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | 1,4-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | 2,2-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | 4-ISOPROPYLtoluene             | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | BENZENE                        | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | BENZENE, 1,2,4-TRIMETHYL       | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | BENZENE, 1,3,5-TRIMETHYL-      | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | BROMOBENZENE                   | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | BROMOCHLOROMETHANE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | BROMODICHLOROMETHANE           | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | BROMOFORM                      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | BROMOMETHANE                   | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | CARBON TETRACHLORIDE           | 0.3    | UG/L  | J        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | CHLOROBENZENE                  | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | CHLOROETHANE                   | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | CHLOROFORM                     | 3      | UG/L  |          | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | CHLOROMETHANE                  | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | cis-1,2-DICHLOROETHENE         | 19     | UG/L  |          | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | cis-1,3-DICHLOROPROPENE        | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |

## Appendix A: Groundwater Analytical Data - VOCs

Second Quarter 1999

| Location | Sample Date | Sample #  | Analyte                        | Result | Units | Lab Qual | Det Lim | Dilu | Valid | Result Type | IMP Well Class  | QC Type |
|----------|-------------|-----------|--------------------------------|--------|-------|----------|---------|------|-------|-------------|-----------------|---------|
| 02291    | 5/19/99     | GW06324TE | DIBROMOCHLOROMETHANE           | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | DIBROMOMETHANE                 | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | DICHLORODIFLUOROMETHANE        | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | ETHYLBENZENE                   | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | HEXACHLOROBUTADIENE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | ISOPROPYLBENZENE               | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | METHYLENE CHLORIDE             | 1      | UG/L  | B        | 1       | 1    | UJ1   | TR1         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | NAPHTHALENE                    | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | n-BUTYLBENZENE                 | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | n-PROPYLBENZENE                | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | o-CHLOROTOLUENE                | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | p-CHLOROTOLUENE                | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | PROPANE, 1,2-DIBROMO-3-CHLORO- | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | sec-BUTYLBENZENE               | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | STYRENE                        | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | tert-BUTYLBENZENE              | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | TETRACHLOROETHENE              | 870    | UG/L  | E        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | TOLUENE                        | 0.1    | UG/L  | J        | 1       | 1    | J1    | TR1         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | TOTAL XYLEMES                  | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | trans-1,2-DICHLOROETHENE       | 0.1    | UG/L  | J        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | trans-1,3-DICHLOROPROPENE      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | TRICHLOROETHENE                | 650    | UG/L  | E        | 1       | 1    | 1     | TR1         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | TRICHLOROFUOROMETHANE          | 0.2    | UG/L  | J        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | VINYL CHLORIDE                 | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | 1,1,1,2-TETRACHLOROETHANE      | 500    | UG/L  | U        | 500     | 500  | 1     | TR2         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | 1,1,1-TRICHLOROETHANE          | 500    | UG/L  | U        | 500     | 500  | 1     | TR2         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | 1,1,2,2-TETRACHLOROETHANE      | 500    | UG/L  | U        | 500     | 500  | 1     | TR2         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | 1,1,2-TRICHLOROETHANE          | 500    | UG/L  | U        | 500     | 500  | 1     | TR2         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | 1,1-DICHLOROETHANE             | 500    | UG/L  | U        | 500     | 500  | 1     | TR2         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | 1,1-DICHLOROETHENE             | 500    | UG/L  | U        | 500     | 500  | 1     | TR2         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | 1,1-DICHLOROPROPENE            | 500    | UG/L  | U        | 500     | 500  | 1     | TR2         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | 1,2,3-TRICHLOROBENZENE         | 500    | UG/L  | U        | 500     | 500  | 1     | TR2         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | 1,2,3-TRICHLOROPROPANE         | 500    | UG/L  | U        | 500     | 500  | 1     | TR2         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | 1,2,4-TRICHLOROBENZENE         | 500    | UG/L  | U        | 500     | 500  | 1     | TR2         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | 1,2-DIBROMOETHANE              | 500    | UG/L  | U        | 500     | 500  | 1     | TR2         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | 1,2-DICHLOROBENZENE            | 500    | UG/L  | U        | 500     | 500  | 1     | TR2         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | 1,2-DICHLOROPROPANE            | 500    | UG/L  | U        | 500     | 500  | 1     | TR2         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | 1,3-DICHLOROBENZENE            | 500    | UG/L  | U        | 500     | 500  | 1     | TR2         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | 1,3-DICHLOROPROPANE            | 500    | UG/L  | U        | 500     | 500  | 1     | TR2         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | 1,4-DICHLOROBENZENE            | 500    | UG/L  | U        | 500     | 500  | 1     | TR2         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | 2,2-DICHLOROPROPANE            | 500    | UG/L  | U        | 500     | 500  | 1     | TR2         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | 4-ISOPROPYLTOULUENE            | 500    | UG/L  | U        | 500     | 500  | 1     | TR2         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | BENZENE                        | 500    | UG/L  | U        | 500     | 500  | 1     | TR2         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | BENZENE, 1,2,4-TRIMETHYL       | 500    | UG/L  | U        | 500     | 500  | 1     | TR2         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | BENZENE, 1,3,5-TRIMETHYL       | 500    | UG/L  | U        | 500     | 500  | 1     | TR2         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | BROMOBENZENE                   | 500    | UG/L  | U        | 500     | 500  | 1     | TR2         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | BROMOCHLOROMETHANE             | 500    | UG/L  | U        | 500     | 500  | 1     | TR2         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | BROMODICHLOROMETHANE           | 500    | UG/L  | U        | 500     | 500  | 1     | TR2         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | BROMOFORM                      | 500    | UG/L  | U        | 500     | 500  | 1     | TR2         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | BROMOMETHANE                   | 500    | UG/L  | U        | 500     | 500  | 1     | TR2         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | CARBON TETRACHLORIDE           | 500    | UG/L  | U        | 500     | 500  | 1     | TR2         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | CHLOROBENZENE                  | 500    | UG/L  | U        | 500     | 500  | 1     | TR2         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | CHLOROETHANE                   | 500    | UG/L  | U        | 500     | 500  | 1     | TR2         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | CHLOROFORM                     | 500    | UG/L  | U        | 500     | 500  | 1     | TR2         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | CHLOROMETHANE                  | 500    | UG/L  | U        | 500     | 500  | 1     | TR2         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | cis-1,2-DICHLOROETHENE         | 500    | UG/L  | U        | 500     | 500  | 1     | TR2         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | cis-1,3-DICHLOROPROPENE        | 500    | UG/L  | U        | 500     | 500  | 1     | TR2         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | DIBROMOCHLOROMETHANE           | 500    | UG/L  | U        | 500     | 500  | 1     | TR2         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | DIBROMOMETHANE                 | 500    | UG/L  | U        | 500     | 500  | 1     | TR2         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | DICHLORODIFLUOROMETHANE        | 500    | UG/L  | U        | 500     | 500  | 1     | TR2         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | ETHYLBENZENE                   | 500    | UG/L  | U        | 500     | 500  | 1     | TR2         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | HEXACHLOROBUTADIENE            | 500    | UG/L  | U        | 500     | 500  | 1     | TR2         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | ISOPROPYLBENZENE               | 500    | UG/L  | U        | 500     | 500  | 1     | TR2         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | METHYLENE CHLORIDE             | 1400   | UG/L  | BD       | 500     | 500  | 1     | TR2         | Perf Monitoring | REAL    |

## Appendix A: Groundwater Analytical Data - VOCs

Second Quarter 1999

| Location | Sample Date | Sample #  | Analyte                        | Result | Units | Lab Qual | Det Lim | Dilu | Valid | Result Type | IMP Well Class  | QC Type |
|----------|-------------|-----------|--------------------------------|--------|-------|----------|---------|------|-------|-------------|-----------------|---------|
| 02291    | 5/19/99     | GW06324TE | NAPHTHALENE                    | 500    | UG/L  | U        | 500     | 500  | 1     | TR2         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | n-BUTYLBENZENE                 | 500    | UG/L  | U        | 500     | 500  | 1     | TR2         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | n-PROPYLBENZENE                | 500    | UG/L  | U        | 500     | 500  | 1     | TR2         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | o-CHLOROTOLUENE                | 500    | UG/L  | U        | 500     | 500  | 1     | TR2         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | p-CHLOROTOLUENE                | 500    | UG/L  | U        | 500     | 500  | 1     | TR2         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | PROPANE, 1,2-DIBROMO-3-CHLORO- | 500    | UG/L  | U        | 500     | 500  | 1     | TR2         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | sec-BUTYLBENZENE               | 500    | UG/L  | U        | 500     | 500  | 1     | TR2         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | STYRENE                        | 500    | UG/L  | U        | 500     | 500  | 1     | TR2         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | tert-BUTYLBENZENE              | 500    | UG/L  | U        | 500     | 500  | 1     | TR2         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | TETRACHLOROETHENE              | 6600   | UG/L  | BD       | 500     | 500  | V1    | TR2         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | TOLUENE                        | 500    | UG/L  | U        | 500     | 500  | 1     | TR2         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | TOTAL XYLEMES                  | 500    | UG/L  | U        | 500     | 500  | 1     | TR2         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | trans-1,2-DICHLOROETHENE       | 500    | UG/L  | U        | 500     | 500  | 1     | TR2         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | trans-1,3-DICHLOROPROPENE      | 500    | UG/L  | U        | 500     | 500  | 1     | TR2         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | TRICHLOROETHENE                | 720    | UG/L  | D        | 500     | 500  | V1    | TR2         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | TRICHLOROFLUOROMETHANE         | 500    | UG/L  | U        | 500     | 500  | 1     | TR2         | Perf Monitoring | REAL    |
| 02291    | 5/19/99     | GW06324TE | VINYL CHLORIDE                 | 500    | UG/L  | U        | 500     | 500  | 1     | TR2         | Perf Monitoring | REAL    |
| 02297    | 5/11/99     | GW06325TE | 1,1,1,2-TETRACHLOROETHANE      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | D&D             | REAL    |
| 02297    | 5/11/99     | GW06325TE | 1,1,1-TRICHLOROETHANE          | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | D&D             | REAL    |
| 02297    | 5/11/99     | GW06325TE | 1,1,2,2-TETRACHLOROETHANE      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | D&D             | REAL    |
| 02297    | 5/11/99     | GW06325TE | 1,1,2-TRICHLOROETHANE          | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | D&D             | REAL    |
| 02297    | 5/11/99     | GW06325TE | 1,1-DICHLOROETHANE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | D&D             | REAL    |
| 02297    | 5/11/99     | GW06325TE | 1,1-DICHLOROETHENE             | 0.6    | UG/L  | J        | 1       | 1    | V1    | TR1         | D&D             | REAL    |
| 02297    | 5/11/99     | GW06325TE | 1,1-DICHLOROPROPENE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | D&D             | REAL    |
| 02297    | 5/11/99     | GW06325TE | 1,2,3-TRICHLOROBENZENE         | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | D&D             | REAL    |
| 02297    | 5/11/99     | GW06325TE | 1,2,3-TRICHLOROPROPANE         | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | D&D             | REAL    |
| 02297    | 5/11/99     | GW06325TE | 1,2,4-TRICHLOROBENZENE         | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | D&D             | REAL    |
| 02297    | 5/11/99     | GW06325TE | 1,2-DIBROMOETHANE              | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | D&D             | REAL    |
| 02297    | 5/11/99     | GW06325TE | 1,2-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | D&D             | REAL    |
| 02297    | 5/11/99     | GW06325TE | 1,2-DICHLOROETHANE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | D&D             | REAL    |
| 02297    | 5/11/99     | GW06325TE | 1,2-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | D&D             | REAL    |
| 02297    | 5/11/99     | GW06325TE | 1,3-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | D&D             | REAL    |
| 02297    | 5/11/99     | GW06325TE | 1,3-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | D&D             | REAL    |
| 02297    | 5/11/99     | GW06325TE | 1,4-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | D&D             | REAL    |
| 02297    | 5/11/99     | GW06325TE | 2,2-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | D&D             | REAL    |
| 02297    | 5/11/99     | GW06325TE | 4-ISOPROPYLTOLEUNE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | D&D             | REAL    |
| 02297    | 5/11/99     | GW06325TE | BENZENE                        | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | D&D             | REAL    |
| 02297    | 5/11/99     | GW06325TE | BENZENE, 1,2,4-TRIMETHYL       | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | D&D             | REAL    |
| 02297    | 5/11/99     | GW06325TE | BENZENE, 1,3,5-TRIMETHYL       | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | D&D             | REAL    |
| 02297    | 5/11/99     | GW06325TE | BROMOBENZENE                   | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | D&D             | REAL    |
| 02297    | 5/11/99     | GW06325TE | BROMOCHLOROMETHANE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | D&D             | REAL    |
| 02297    | 5/11/99     | GW06325TE | BROMODICHLOROMETHANE           | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | D&D             | REAL    |
| 02297    | 5/11/99     | GW06325TE | BROMOFORM                      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | D&D             | REAL    |
| 02297    | 5/11/99     | GW06325TE | BROMOMETHANE                   | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | D&D             | REAL    |
| 02297    | 5/11/99     | GW06325TE | CARBON TETRACHLORIDE           | 0.8    | UG/L  | J        | 1       | 1    | V1    | TR1         | D&D             | REAL    |
| 02297    | 5/11/99     | GW06325TE | CHLOROBENZENE                  | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | D&D             | REAL    |
| 02297    | 5/11/99     | GW06325TE | CHLOROETHANE                   | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | D&D             | REAL    |
| 02297    | 5/11/99     | GW06325TE | CHLOROFORM                     | 0.2    | UG/L  | J        | 1       | 1    | V1    | TR1         | D&D             | REAL    |
| 02297    | 5/11/99     | GW06325TE | CHLOROMETHANE                  | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | D&D             | REAL    |
| 02297    | 5/11/99     | GW06325TE | cis-1,2-DICHLOROETHENE         | 0.3    | UG/L  | J        | 1       | 1    | V1    | TR1         | D&D             | REAL    |
| 02297    | 5/11/99     | GW06325TE | cis-1,3-DICHLOROPROPENE        | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | D&D             | REAL    |
| 02297    | 5/11/99     | GW06325TE | DIBROMOCHLOROMETHANE           | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | D&D             | REAL    |
| 02297    | 5/11/99     | GW06325TE | DIBROMOMETHANE                 | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | D&D             | REAL    |
| 02297    | 5/11/99     | GW06325TE | DICHLORODIFLUOROMETHANE        | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | D&D             | REAL    |
| 02297    | 5/11/99     | GW06325TE | ETHYLBENZENE                   | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | D&D             | REAL    |
| 02297    | 5/11/99     | GW06325TE | HEXACHLOROBUTADIENE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | D&D             | REAL    |
| 02297    | 5/11/99     | GW06325TE | ISOPROPYLBENZENE               | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | D&D             | REAL    |
| 02297    | 5/11/99     | GW06325TE | METHYLENE CHLORIDE             | 0.1    | UG/L  | BJ       | 1       | 1    | JB1   | TR1         | D&D             | REAL    |
| 02297    | 5/11/99     | GW06325TE | NAPHTHALENE                    | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | D&D             | REAL    |
| 02297    | 5/11/99     | GW06325TE | n-BUTYLBENZENE                 | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | D&D             | REAL    |
| 02297    | 5/11/99     | GW06325TE | n-PROPYLBENZENE                | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | D&D             | REAL    |
| 02297    | 5/11/99     | GW06325TE | o-CHLOROTOLUENE                | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | D&D             | REAL    |
| 02297    | 5/11/99     | GW06325TE | p-CHLOROTOLUENE                | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | D&D             | REAL    |
| 02297    | 5/11/99     | GW06325TE | PROPANE, 1,2-DIBROMO-3-CHLORO- | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | D&D             | REAL    |

## Appendix A: Groundwater Analytical Data - VOCs

Second Quarter 1999

| Location | Sample Date | Sample #  | Analyte                        | Result | Units | Lab Qual | Det Lim | Dilu | Valid | Result Type | IMP Well Class | QC Type |
|----------|-------------|-----------|--------------------------------|--------|-------|----------|---------|------|-------|-------------|----------------|---------|
| 02297    | 5/11/99     | GW06325TE | sec-BUTYLBENZENE               | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | D&D            | REAL    |
| 02297    | 5/11/99     | GW06325TE | STYRENE                        | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | D&D            | REAL    |
| 02297    | 5/11/99     | GW06325TE | tert-BUTYLBENZENE              | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | D&D            | REAL    |
| 02297    | 5/11/99     | GW06325TE | TETRACHLOROETHENE              | 0.3    | UG/L  | J        | 1       | 1    | V1    | TR1         | D&D            | REAL    |
| 02297    | 5/11/99     | GW06325TE | TOLUENE                        | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | D&D            | REAL    |
| 02297    | 5/11/99     | GW06325TE | TOTAL XYLEMES                  | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | D&D            | REAL    |
| 02297    | 5/11/99     | GW06325TE | trans-1,2-DICHLOROETHENE       | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | D&D            | REAL    |
| 02297    | 5/11/99     | GW06325TE | trans-1,3-DICHLOROPROPENE      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | D&D            | REAL    |
| 02297    | 5/11/99     | GW06325TE | TRICHLOROETHENE                | 2      | UG/L  |          | 1       | 1    | V1    | TR1         | D&D            | REAL    |
| 02297    | 5/11/99     | GW06325TE | TRICHLOROFUROMETHANE           | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | D&D            | REAL    |
| 02297    | 5/11/99     | GW06325TE | VINYL CHLORIDE                 | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | D&D            | REAL    |
| 02497    | 5/11/99     | GW06327TE | 1,1,1,2-TETRACHLOROETHANE      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | D&D            | REAL    |
| 02497    | 5/11/99     | GW06327TE | 1,1,1-TRICHLOROETHANE          | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | D&D            | REAL    |
| 02497    | 5/11/99     | GW06327TE | 1,1,2,2-TETRACHLOROETHANE      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | D&D            | REAL    |
| 02497    | 5/11/99     | GW06327TE | 1,1,2-TRICHLOROETHANE          | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | D&D            | REAL    |
| 02497    | 5/11/99     | GW06327TE | 1,1-DICHLOROETHANE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | D&D            | REAL    |
| 02497    | 5/11/99     | GW06327TE | 1,1-DICHLOROETHENE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | D&D            | REAL    |
| 02497    | 5/11/99     | GW06327TE | 1,1-DICHLOROPROPENE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | D&D            | REAL    |
| 02497    | 5/11/99     | GW06327TE | 1,2,3-TRICHLOROBENZENE         | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | D&D            | REAL    |
| 02497    | 5/11/99     | GW06327TE | 1,2,3-TRICHLOROPROPANE         | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | D&D            | REAL    |
| 02497    | 5/11/99     | GW06327TE | 1,2,4-TRICHLOROBENZENE         | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | D&D            | REAL    |
| 02497    | 5/11/99     | GW06327TE | 1,2-DIBROMOETHANE              | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | D&D            | REAL    |
| 02497    | 5/11/99     | GW06327TE | 1,2-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | D&D            | REAL    |
| 02497    | 5/11/99     | GW06327TE | 1,2-DICHLOROETHANE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | D&D            | REAL    |
| 02497    | 5/11/99     | GW06327TE | 1,2-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | D&D            | REAL    |
| 02497    | 5/11/99     | GW06327TE | 1,3-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | D&D            | REAL    |
| 02497    | 5/11/99     | GW06327TE | 1,3-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | D&D            | REAL    |
| 02497    | 5/11/99     | GW06327TE | 1,4-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | D&D            | REAL    |
| 02497    | 5/11/99     | GW06327TE | 2,2-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | D&D            | REAL    |
| 02497    | 5/11/99     | GW06327TE | 4-ISOPROPYLTOLEUNE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | D&D            | REAL    |
| 02497    | 5/11/99     | GW06327TE | BENZENE                        | 0.3    | UG/L  | J        | 1       | 1    | V1    | TR1         | D&D            | REAL    |
| 02497    | 5/11/99     | GW06327TE | BENZENE, 1,2,4-TRIMETHYL       | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | D&D            | REAL    |
| 02497    | 5/11/99     | GW06327TE | BENZENE, 1,3,5-TRIMETHYL       | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | D&D            | REAL    |
| 02497    | 5/11/99     | GW06327TE | BROMOBENZENE                   | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | D&D            | REAL    |
| 02497    | 5/11/99     | GW06327TE | BROMOCHLOROMETHANE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | D&D            | REAL    |
| 02497    | 5/11/99     | GW06327TE | BROMODICHLOROMETHANE           | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | D&D            | REAL    |
| 02497    | 5/11/99     | GW06327TE | BROMOFORM                      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | D&D            | REAL    |
| 02497    | 5/11/99     | GW06327TE | BROMOMETHANE                   | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | D&D            | REAL    |
| 02497    | 5/11/99     | GW06327TE | CARBON TETRACHLORIDE           | 0.5    | UG/L  | J        | 1       | 1    | V1    | TR1         | D&D            | REAL    |
| 02497    | 5/11/99     | GW06327TE | CHLOROBENZENE                  | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | D&D            | REAL    |
| 02497    | 5/11/99     | GW06327TE | CHLOROETHANE                   | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | D&D            | REAL    |
| 02497    | 5/11/99     | GW06327TE | CHLOROFORM                     | 2      | UG/L  | U        | 1       | 1    | V1    | TR1         | D&D            | REAL    |
| 02497    | 5/11/99     | GW06327TE | CHLOROMETHANE                  | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | D&D            | REAL    |
| 02497    | 5/11/99     | GW06327TE | cis-1,2-DICHLOROETHENE         | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | D&D            | REAL    |
| 02497    | 5/11/99     | GW06327TE | cis-1,3-DICHLOROPROPENE        | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | D&D            | REAL    |
| 02497    | 5/11/99     | GW06327TE | DIBROMOCHLOROMETHANE           | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | D&D            | REAL    |
| 02497    | 5/11/99     | GW06327TE | DIBROMOMETHANE                 | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | D&D            | REAL    |
| 02497    | 5/11/99     | GW06327TE | DICHLORODIFLUOROMETHANE        | 0.3    | UG/L  | J        | 1       | 1    | V1    | TR1         | D&D            | REAL    |
| 02497    | 5/11/99     | GW06327TE | ETHYLBENZENE                   | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | D&D            | REAL    |
| 02497    | 5/11/99     | GW06327TE | HEXACHLOROBUTADIENE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | D&D            | REAL    |
| 02497    | 5/11/99     | GW06327TE | ISOPROPYLBENZENE               | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | D&D            | REAL    |
| 02497    | 5/11/99     | GW06327TE | METHYLENE CHLORIDE             | 0.1    | UG/L  | BJ       | 1       | 1    | JB1   | TR1         | D&D            | REAL    |
| 02497    | 5/11/99     | GW06327TE | NAPHTHALENE                    | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | D&D            | REAL    |
| 02497    | 5/11/99     | GW06327TE | n-BUTYLBENZENE                 | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | D&D            | REAL    |
| 02497    | 5/11/99     | GW06327TE | n-PROPYLBENZENE                | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | D&D            | REAL    |
| 02497    | 5/11/99     | GW06327TE | o-CHLOROTOLUENE                | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | D&D            | REAL    |
| 02497    | 5/11/99     | GW06327TE | p-CHLOROTOLUENE                | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | D&D            | REAL    |
| 02497    | 5/11/99     | GW06327TE | PROPANE, 1,2-DIBROMO-3-CHLORO- | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | D&D            | REAL    |
| 02497    | 5/11/99     | GW06327TE | sec-BUTYLBENZENE               | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | D&D            | REAL    |
| 02497    | 5/11/99     | GW06327TE | STYRENE                        | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | D&D            | REAL    |
| 02497    | 5/11/99     | GW06327TE | tert-BUTYLBENZENE              | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | D&D            | REAL    |
| 02497    | 5/11/99     | GW06327TE | TETRACHLOROETHENE              | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | D&D            | REAL    |
| 02497    | 5/11/99     | GW06327TE | TOLUENE                        | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | D&D            | REAL    |
| 02497    | 5/11/99     | GW06327TE | TOTAL XYLEMES                  | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | D&D            | REAL    |

## Appendix A: Groundwater Analytical Data - VOCs

Second Quarter 1999

| Location | Sample Date | Sample #  | Analyte                        | Result | Units | Lab Qual | Det Lim | Dilu | Valid | Result Type | IMP Well Class | QC Type |
|----------|-------------|-----------|--------------------------------|--------|-------|----------|---------|------|-------|-------------|----------------|---------|
| 02497    | 5/11/99     | GW06327TE | trans-1,2-DICHLOROETHENE       | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | D&D            | REAL    |
| 02497    | 5/11/99     | GW06327TE | trans-1,3-DICHLOROPROPENE      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | D&D            | REAL    |
| 02497    | 5/11/99     | GW06327TE | TRICHLOROETHENE                | 2      | UG/L  |          | 1       | 1    | V1    | TR1         | D&D            | REAL    |
| 02497    | 5/11/99     | GW06327TE | TRICHLOROFLUOROMETHANE         | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | D&D            | REAL    |
| 02497    | 5/11/99     | GW06327TE | VINYL CHLORIDE                 | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | D&D            | REAL    |
| 04091    | 4/13/99     | GW06328TE | 1,1,1,2-TETRACHLOROETHANE      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 04091    | 4/13/99     | GW06328TE | 1,1,1-TRICHLOROETHANE          | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 04091    | 4/13/99     | GW06328TE | 1,1,2,2-TETRACHLOROETHANE      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 04091    | 4/13/99     | GW06328TE | 1,1,2-TRICHLOROETHANE          | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 04091    | 4/13/99     | GW06328TE | 1,1-DICHLOROETHANE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 04091    | 4/13/99     | GW06328TE | 1,1-DICHLOROETHENE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 04091    | 4/13/99     | GW06328TE | 1,1-DICHLOROPROPENE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 04091    | 4/13/99     | GW06328TE | 1,2,3-TRICHLOROBENZENE         | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 04091    | 4/13/99     | GW06328TE | 1,2,3-TRICHLOROPROPANE         | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 04091    | 4/13/99     | GW06328TE | 1,2,4-TRICHLOROBENZENE         | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 04091    | 4/13/99     | GW06328TE | 1,2-DIBROMOETHANE              | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 04091    | 4/13/99     | GW06328TE | 1,2-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 04091    | 4/13/99     | GW06328TE | 1,2-DICHLOROETHANE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 04091    | 4/13/99     | GW06328TE | 1,2-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 04091    | 4/13/99     | GW06328TE | 1,3-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 04091    | 4/13/99     | GW06328TE | 1,3-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 04091    | 4/13/99     | GW06328TE | 1,4-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 04091    | 4/13/99     | GW06328TE | 2,2-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 04091    | 4/13/99     | GW06328TE | 4-ISOPROPYLTOLUENE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 04091    | 4/13/99     | GW06328TE | BENZENE                        | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 04091    | 4/13/99     | GW06328TE | BENZENE, 1,2,4-TRIMETHYL       | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 04091    | 4/13/99     | GW06328TE | BENZENE, 1,3,5-TRIMETHYL-      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 04091    | 4/13/99     | GW06328TE | BROMOBENZENE                   | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 04091    | 4/13/99     | GW06328TE | BROMOCHLOROMETHANE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 04091    | 4/13/99     | GW06328TE | BROMODICHLOROMETHANE           | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 04091    | 4/13/99     | GW06328TE | BROMOFORM                      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 04091    | 4/13/99     | GW06328TE | BROMOMETHANE                   | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 04091    | 4/13/99     | GW06328TE | CARBON TETRACHLORIDE           | 2      | UG/L  |          | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 04091    | 4/13/99     | GW06328TE | CHLOROBENZENE                  | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 04091    | 4/13/99     | GW06328TE | CHLOROETHANE                   | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 04091    | 4/13/99     | GW06328TE | CHLOROFORM                     | 0.1    | UG/L  | J        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 04091    | 4/13/99     | GW06328TE | CHLOROMETHANE                  | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 04091    | 4/13/99     | GW06328TE | cis-1,2-DICHLOROETHENE         | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 04091    | 4/13/99     | GW06328TE | cis-1,3-DICHLOROPROPENE        | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 04091    | 4/13/99     | GW06328TE | DIBROMOCHLOROMETHANE           | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 04091    | 4/13/99     | GW06328TE | DIBROMOMETHANE                 | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 04091    | 4/13/99     | GW06328TE | DICHLORODIFLUOROMETHANE        | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 04091    | 4/13/99     | GW06328TE | ETHYLBENZENE                   | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 04091    | 4/13/99     | GW06328TE | HEXACHLOROBUTADIENE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 04091    | 4/13/99     | GW06328TE | ISOPROPYLBENZENE               | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 04091    | 4/13/99     | GW06328TE | METHYLENE CHLORIDE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 04091    | 4/13/99     | GW06328TE | NAPHTHALENE                    | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 04091    | 4/13/99     | GW06328TE | n-BUTYLBENZENE                 | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 04091    | 4/13/99     | GW06328TE | n-PROPYLBENZENE                | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 04091    | 4/13/99     | GW06328TE | o-CHLOROTOLUENE                | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 04091    | 4/13/99     | GW06328TE | p-CHLOROTOLUENE                | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 04091    | 4/13/99     | GW06328TE | PROPANE, 1,2-DIBROMO-3-CHLORO- | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 04091    | 4/13/99     | GW06328TE | sec-BUTYLBENZENE               | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 04091    | 4/13/99     | GW06328TE | STYRENE                        | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 04091    | 4/13/99     | GW06328TE | tert-BUTYLBENZENE              | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 04091    | 4/13/99     | GW06328TE | TETRACHLOROETHENE              | 0.8    | UG/L  |          | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 04091    | 4/13/99     | GW06328TE | TOLUENE                        | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 04091    | 4/13/99     | GW06328TE | TOTAL XYLEMES                  | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 04091    | 4/13/99     | GW06328TE | trans-1,2-DICHLOROETHENE       | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 04091    | 4/13/99     | GW06328TE | trans-1,3-DICHLOROPROPENE      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 04091    | 4/13/99     | GW06328TE | TRICHLOROETHENE                | 0.2    | UG/L  | J        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 04091    | 4/13/99     | GW06328TE | TRICHLOROFLUOROMETHANE         | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 04091    | 4/13/99     | GW06328TE | VINYL CHLORIDE                 | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 04991    | 6/3/99      | GW06329TE | 1,1,1,2-TETRACHLOROETHANE      | 1      | UG/L  | U        | 1       | 1    | 1     | TR1         | Plume Extent   | REAL    |

## Appendix A: Groundwater Analytical Data - VOCs

Second Quarter 1999

| Location | Sample Date | Sample #  | Analyte                        | Result | Units | Lab Qual | Det Lim | Dilu | Valid | Result Type | IMP Well Class | QC Type |
|----------|-------------|-----------|--------------------------------|--------|-------|----------|---------|------|-------|-------------|----------------|---------|
| 04991    | 6/3/99      | GW06329TE | 1,1,1-TRICHLOROETHANE          | 1      | UG/L  | U        | 1       | 1    | 1     | TR1         | Plume Extent   | REAL    |
| 04991    | 6/3/99      | GW06329TE | 1,1,2,2-TETRACHLOROETHANE      | 1      | UG/L  | U        | 1       | 1    | 1     | TR1         | Plume Extent   | REAL    |
| 04991    | 6/3/99      | GW06329TE | 1,1,2-TRICHLOROETHANE          | 1      | UG/L  | U        | 1       | 1    | 1     | TR1         | Plume Extent   | REAL    |
| 04991    | 6/3/99      | GW06329TE | 1,1-DICHLOROETHANE             | 1      | UG/L  | U        | 1       | 1    | 1     | TR1         | Plume Extent   | REAL    |
| 04991    | 6/3/99      | GW06329TE | 1,1-DICHLOROETHENE             | 1      | UG/L  | U        | 1       | 1    | 1     | TR1         | Plume Extent   | REAL    |
| 04991    | 6/3/99      | GW06329TE | 1,1-DICHLOROPROPENE            | 1      | UG/L  | U        | 1       | 1    | 1     | TR1         | Plume Extent   | REAL    |
| 04991    | 6/3/99      | GW06329TE | 1,2,3-TRICHLOROBENZENE         | 1      | UG/L  | U        | 1       | 1    | 1     | TR1         | Plume Extent   | REAL    |
| 04991    | 6/3/99      | GW06329TE | 1,2,3-TRICHLOROPROPANE         | 1      | UG/L  | U        | 1       | 1    | 1     | TR1         | Plume Extent   | REAL    |
| 04991    | 6/3/99      | GW06329TE | 1,2,4-TRICHLOROBENZENE         | 1      | UG/L  | U        | 1       | 1    | 1     | TR1         | Plume Extent   | REAL    |
| 04991    | 6/3/99      | GW06329TE | 1,2-DIBROMOETHANE              | 1      | UG/L  | U        | 1       | 1    | 1     | TR1         | Plume Extent   | REAL    |
| 04991    | 6/3/99      | GW06329TE | 1,2-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | 1     | TR1         | Plume Extent   | REAL    |
| 04991    | 6/3/99      | GW06329TE | 1,2-DICHLOROETHANE             | 1      | UG/L  | U        | 1       | 1    | 1     | TR1         | Plume Extent   | REAL    |
| 04991    | 6/3/99      | GW06329TE | 1,2-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | 1     | TR1         | Plume Extent   | REAL    |
| 04991    | 6/3/99      | GW06329TE | 1,3-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | 1     | TR1         | Plume Extent   | REAL    |
| 04991    | 6/3/99      | GW06329TE | 1,3-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | 1     | TR1         | Plume Extent   | REAL    |
| 04991    | 6/3/99      | GW06329TE | 1,4-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | 1     | TR1         | Plume Extent   | REAL    |
| 04991    | 6/3/99      | GW06329TE | 2,2-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | 1     | TR1         | Plume Extent   | REAL    |
| 04991    | 6/3/99      | GW06329TE | 4-ISOPROPYLtolUENE             | 1      | UG/L  | U        | 1       | 1    | 1     | TR1         | Plume Extent   | REAL    |
| 04991    | 6/3/99      | GW06329TE | BENZENE                        | 1      | UG/L  | U        | 1       | 1    | 1     | TR1         | Plume Extent   | REAL    |
| 04991    | 6/3/99      | GW06329TE | BENZENE, 1,2,4-TRIMETHYL-      | 1      | UG/L  | U        | 1       | 1    | 1     | TR1         | Plume Extent   | REAL    |
| 04991    | 6/3/99      | GW06329TE | BROMOBENZENE                   | 1      | UG/L  | U        | 1       | 1    | 1     | TR1         | Plume Extent   | REAL    |
| 04991    | 6/3/99      | GW06329TE | BROMOCHLOROMETHANE             | 1      | UG/L  | U        | 1       | 1    | 1     | TR1         | Plume Extent   | REAL    |
| 04991    | 6/3/99      | GW06329TE | BROMODICHLOROMETHANE           | 1      | UG/L  | U        | 1       | 1    | 1     | TR1         | Plume Extent   | REAL    |
| 04991    | 6/3/99      | GW06329TE | BROMOFORM                      | 1      | UG/L  | U        | 1       | 1    | 1     | TR1         | Plume Extent   | REAL    |
| 04991    | 6/3/99      | GW06329TE | BROMOMETHANE                   | 1      | UG/L  | U        | 1       | 1    | 1     | TR1         | Plume Extent   | REAL    |
| 04991    | 6/3/99      | GW06329TE | CARBON TETRACHLORIDE           | 0.1    | UG/L  | J        | 1       | 1    | 1     | TR1         | Plume Extent   | REAL    |
| 04991    | 6/3/99      | GW06329TE | CHLOROBENZENE                  | 1      | UG/L  | U        | 1       | 1    | 1     | TR1         | Plume Extent   | REAL    |
| 04991    | 6/3/99      | GW06329TE | CHLOROETHANE                   | 1      | UG/L  | U        | 1       | 1    | 1     | TR1         | Plume Extent   | REAL    |
| 04991    | 6/3/99      | GW06329TE | CHLOROFORM                     | 1      | UG/L  | U        | 1       | 1    | 1     | TR1         | Plume Extent   | REAL    |
| 04991    | 6/3/99      | GW06329TE | CHLOROMETHANE                  | 1      | UG/L  | U        | 1       | 1    | 1     | TR1         | Plume Extent   | REAL    |
| 04991    | 6/3/99      | GW06329TE | cis-1,2-DICHLOROETHENE         | 1      | UG/L  | U        | 1       | 1    | 1     | TR1         | Plume Extent   | REAL    |
| 04991    | 6/3/99      | GW06329TE | cis-1,3-DICHLOROPROPENE        | 1      | UG/L  | U        | 1       | 1    | 1     | TR1         | Plume Extent   | REAL    |
| 04991    | 6/3/99      | GW06329TE | DIBROMOCHLOROMETHANE           | 1      | UG/L  | U        | 1       | 1    | 1     | TR1         | Plume Extent   | REAL    |
| 04991    | 6/3/99      | GW06329TE | DIBROMOMETHANE                 | 1      | UG/L  | U        | 1       | 1    | 1     | TR1         | Plume Extent   | REAL    |
| 04991    | 6/3/99      | GW06329TE | DICHLORODIFLUOROMETHANE        | 1      | UG/L  | U        | 1       | 1    | 1     | TR1         | Plume Extent   | REAL    |
| 04991    | 6/3/99      | GW06329TE | ETHYLBENZENE                   | 1      | UG/L  | U        | 1       | 1    | 1     | TR1         | Plume Extent   | REAL    |
| 04991    | 6/3/99      | GW06329TE | HEXAChLOROBUTADIENE            | 1      | UG/L  | U        | 1       | 1    | 1     | TR1         | Plume Extent   | REAL    |
| 04991    | 6/3/99      | GW06329TE | ISOPROPYLBENZENE               | 1      | UG/L  | U        | 1       | 1    | 1     | TR1         | Plume Extent   | REAL    |
| 04991    | 6/3/99      | GW06329TE | METHYLENE CHLORIDE             | 0.5    | UG/L  | JB       | 1       | 1    | 1     | TR1         | Plume Extent   | REAL    |
| 04991    | 6/3/99      | GW06329TE | NAPHTHALENE                    | 1      | UG/L  | U        | 1       | 1    | 1     | TR1         | Plume Extent   | REAL    |
| 04991    | 6/3/99      | GW06329TE | n-BUTYLBENZENE                 | 1      | UG/L  | U        | 1       | 1    | 1     | TR1         | Plume Extent   | REAL    |
| 04991    | 6/3/99      | GW06329TE | n-PROPYLBENZENE                | 1      | UG/L  | U        | 1       | 1    | 1     | TR1         | Plume Extent   | REAL    |
| 04991    | 6/3/99      | GW06329TE | o-CHLOROTOLUENE                | 1      | UG/L  | U        | 1       | 1    | 1     | TR1         | Plume Extent   | REAL    |
| 04991    | 6/3/99      | GW06329TE | p-CHLOROTOLUENE                | 1      | UG/L  | U        | 1       | 1    | 1     | TR1         | Plume Extent   | REAL    |
| 04991    | 6/3/99      | GW06329TE | PROPANE, 1,2-DIBromo-3-CHLORO- | 1      | UG/L  | U        | 1       | 1    | 1     | TR1         | Plume Extent   | REAL    |
| 04991    | 6/3/99      | GW06329TE | sec-BUTYLBENZENE               | 1      | UG/L  | U        | 1       | 1    | 1     | TR1         | Plume Extent   | REAL    |
| 04991    | 6/3/99      | GW06329TE | STYRENE                        | 1      | UG/L  | U        | 1       | 1    | 1     | TR1         | Plume Extent   | REAL    |
| 04991    | 6/3/99      | GW06329TE | tert-BUTYLBENZENE              | 1      | UG/L  | U        | 1       | 1    | 1     | TR1         | Plume Extent   | REAL    |
| 04991    | 6/3/99      | GW06329TE | TETRACHLOROETHENE              | 0.4    | UG/L  | J        | 1       | 1    | 1     | TR1         | Plume Extent   | REAL    |
| 04991    | 6/3/99      | GW06329TE | TOLUENE                        | 1      | UG/L  | U        | 1       | 1    | 1     | TR1         | Plume Extent   | REAL    |
| 04991    | 6/3/99      | GW06329TE | TOTAL XYLEMES                  | 1      | UG/L  | U        | 1       | 1    | 1     | TR1         | Plume Extent   | REAL    |
| 04991    | 6/3/99      | GW06329TE | trans-1,2-DICHLOROETHENE       | 1      | UG/L  | U        | 1       | 1    | 1     | TR1         | Plume Extent   | REAL    |
| 04991    | 6/3/99      | GW06329TE | trans-1,3-DICHLOROPROPENE      | 1      | UG/L  | U        | 1       | 1    | 1     | TR1         | Plume Extent   | REAL    |
| 04991    | 6/3/99      | GW06329TE | TRICHLOROETHENE                | 1      | UG/L  | U        | 1       | 1    | 1     | TR1         | Plume Extent   | REAL    |
| 04991    | 6/3/99      | GW06329TE | TRICHLOROFUOROMETHANE          | 0.2    | UG/L  | JB       | 1       | 1    | 1     | TR1         | Plume Extent   | REAL    |
| 04991    | 6/3/99      | GW06329TE | VINYL CHLORIDE                 | 1      | UG/L  | U        | 1       | 1    | 1     | TR1         | Plume Extent   | REAL    |
| 04991    | 6/3/99      | GW06329TE | 1,1,1,2-TETRACHLOROETHANE      | 1      | UG/L  | U        | 1       | 1    | V1    | TR2         | Plume Extent   | REAL    |
| 04991    | 6/3/99      | GW06329TE | 1,1,1-TRICHLOROETHANE          | 1      | UG/L  | U        | 1       | 1    | V1    | TR2         | Plume Extent   | REAL    |
| 04991    | 6/3/99      | GW06329TE | 1,1,2,2-TETRACHLOROETHANE      | 1      | UG/L  | U        | 1       | 1    | V1    | TR2         | Plume Extent   | REAL    |
| 04991    | 6/3/99      | GW06329TE | 1,1,2-TRICHLOROETHANE          | 1      | UG/L  | U        | 1       | 1    | V1    | TR2         | Plume Extent   | REAL    |
| 04991    | 6/3/99      | GW06329TE | 1,1-DICHLOROETHANE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR2         | Plume Extent   | REAL    |
| 04991    | 6/3/99      | GW06329TE | 1,1-DICHLOROETHENE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR2         | Plume Extent   | REAL    |
| 04991    | 6/3/99      | GW06329TE | 1,1-DICHLOROPROPENE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR2         | Plume Extent   | REAL    |

## Appendix A: Groundwater Analytical Data - VOCs

Second Quarter 1999

| Location | Sample Date | Sample #  | Analyte                        | Result | Units | Lab Qual | Det Lim | Dilu | Valid | Result Type | IMP Well Class | QC Type |
|----------|-------------|-----------|--------------------------------|--------|-------|----------|---------|------|-------|-------------|----------------|---------|
| 04991    | 6/3/99      | GW06329TE | 1,2,3-TRICHLOROBENZENE         | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR2         | Plume Extent   | REAL    |
| 04991    | 6/3/99      | GW06329TE | 1,2,3-TRICHLOROPROPANE         | 1      | UG/L  | U        | 1       | 1    | V1    | TR2         | Plume Extent   | REAL    |
| 04991    | 6/3/99      | GW06329TE | 1,2,4-TRICHLOROBENZENE         | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR2         | Plume Extent   | REAL    |
| 04991    | 6/3/99      | GW06329TE | 1,2-DIBROMOETHANE              | 1      | UG/L  | U        | 1       | 1    | V1    | TR2         | Plume Extent   | REAL    |
| 04991    | 6/3/99      | GW06329TE | 1,2-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR2         | Plume Extent   | REAL    |
| 04991    | 6/3/99      | GW06329TE | 1,2-DICHLOROETHANE             | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR2         | Plume Extent   | REAL    |
| 04991    | 6/3/99      | GW06329TE | 1,2-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR2         | Plume Extent   | REAL    |
| 04991    | 6/3/99      | GW06329TE | 1,3-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR2         | Plume Extent   | REAL    |
| 04991    | 6/3/99      | GW06329TE | 1,3-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR2         | Plume Extent   | REAL    |
| 04991    | 6/3/99      | GW06329TE | 1,4-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR2         | Plume Extent   | REAL    |
| 04991    | 6/3/99      | GW06329TE | 2,2-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR2         | Plume Extent   | REAL    |
| 04991    | 6/3/99      | GW06329TE | 4-ISOPROPYLtolUENE             | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR2         | Plume Extent   | REAL    |
| 04991    | 6/3/99      | GW06329TE | BENZENE                        | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR2         | Plume Extent   | REAL    |
| 04991    | 6/3/99      | GW06329TE | BENZENE, 1,2,4-TRIMETHYL       | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR2         | Plume Extent   | REAL    |
| 04991    | 6/3/99      | GW06329TE | BENZENE, 1,3,5-TRIMETHYL-      | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR2         | Plume Extent   | REAL    |
| 04991    | 6/3/99      | GW06329TE | BROMOBENZENE                   | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR2         | Plume Extent   | REAL    |
| 04991    | 6/3/99      | GW06329TE | BROMOCHLOROMETHANE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR2         | Plume Extent   | REAL    |
| 04991    | 6/3/99      | GW06329TE | BROMODICHLOROMETHANE           | 1      | UG/L  | U        | 1       | 1    | V1    | TR2         | Plume Extent   | REAL    |
| 04991    | 6/3/99      | GW06329TE | BROMOFORM                      | 1      | UG/L  | U        | 1       | 1    | V1    | TR2         | Plume Extent   | REAL    |
| 04991    | 6/3/99      | GW06329TE | BROMOMETHANE                   | 1      | UG/L  | U        | 1       | 1    | V1    | TR2         | Plume Extent   | REAL    |
| 04991    | 6/3/99      | GW06329TE | CARBON TETRACHLORIDE           | 0.05   | UG/L  | J        | 1       | 1    | J1    | TR2         | Plume Extent   | REAL    |
| 04991    | 6/3/99      | GW06329TE | CHLOROBENZENE                  | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR2         | Plume Extent   | REAL    |
| 04991    | 6/3/99      | GW06329TE | CHLOROETHANE                   | 1      | UG/L  | U        | 1       | 1    | V1    | TR2         | Plume Extent   | REAL    |
| 04991    | 6/3/99      | GW06329TE | CHLOROFORM                     | 1      | UG/L  | U        | 1       | 1    | V1    | TR2         | Plume Extent   | REAL    |
| 04991    | 6/3/99      | GW06329TE | CHLOROMETHANE                  | 1      | UG/L  | U        | 1       | 1    | V1    | TR2         | Plume Extent   | REAL    |
| 04991    | 6/3/99      | GW06329TE | cis-1,2-DICHLOROETHENE         | 1      | UG/L  | U        | 1       | 1    | V1    | TR2         | Plume Extent   | REAL    |
| 04991    | 6/3/99      | GW06329TE | cis-1,3-DICHLOROPROPENE        | 1      | UG/L  | U        | 1       | 1    | V1    | TR2         | Plume Extent   | REAL    |
| 04991    | 6/3/99      | GW06329TE | DIBROMOCHLOROMETHANE           | 1      | UG/L  | U        | 1       | 1    | V1    | TR2         | Plume Extent   | REAL    |
| 04991    | 6/3/99      | GW06329TE | DIBROMOMETHANE                 | 1      | UG/L  | U        | 1       | 1    | V1    | TR2         | Plume Extent   | REAL    |
| 04991    | 6/3/99      | GW06329TE | DICHLORODIFLUOROMETHANE        | 1      | UG/L  | U        | 1       | 1    | V1    | TR2         | Plume Extent   | REAL    |
| 04991    | 6/3/99      | GW06329TE | ETHYLBENZENE                   | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR2         | Plume Extent   | REAL    |
| 04991    | 6/3/99      | GW06329TE | HEXAChLOROBUTADIENE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR2         | Plume Extent   | REAL    |
| 04991    | 6/3/99      | GW06329TE | ISOPROPYLBENZENE               | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR2         | Plume Extent   | REAL    |
| 04991    | 6/3/99      | GW06329TE | METHYLENE CHLORIDE             | 0.5    | UG/L  | JB       | 1       | 1    | JB1   | TR2         | Plume Extent   | REAL    |
| 04991    | 6/3/99      | GW06329TE | NAPHTHALENE                    | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR2         | Plume Extent   | REAL    |
| 04991    | 6/3/99      | GW06329TE | n-BUTYLBENZENE                 | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR2         | Plume Extent   | REAL    |
| 04991    | 6/3/99      | GW06329TE | n-PROPYLBENZENE                | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR2         | Plume Extent   | REAL    |
| 04991    | 6/3/99      | GW06329TE | o-CHLOROTOLUENE                | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR2         | Plume Extent   | REAL    |
| 04991    | 6/3/99      | GW06329TE | p-CHLOROTOLUENE                | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR2         | Plume Extent   | REAL    |
| 04991    | 6/3/99      | GW06329TE | PROPANE, 1,2-DIBromo-3-CHLORO- | 1      | UG/L  | U        | 1       | 1    | V1    | TR2         | Plume Extent   | REAL    |
| 04991    | 6/3/99      | GW06329TE | sec-BUTYLBENZENE               | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR2         | Plume Extent   | REAL    |
| 04991    | 6/3/99      | GW06329TE | STYRENE                        | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR2         | Plume Extent   | REAL    |
| 04991    | 6/3/99      | GW06329TE | tert-BUTYLBENZENE              | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR2         | Plume Extent   | REAL    |
| 04991    | 6/3/99      | GW06329TE | TETRACHLOROETHENE              | 0.2    | UG/L  | J        | 1       | 1    | V1    | TR2         | Plume Extent   | REAL    |
| 04991    | 6/3/99      | GW06329TE | TOLUENE                        | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR2         | Plume Extent   | REAL    |
| 04991    | 6/3/99      | GW06329TE | TOTAL XYLEMES                  | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR2         | Plume Extent   | REAL    |
| 04991    | 6/3/99      | GW06329TE | trans-1,2-DICHLOROETHENE       | 1      | UG/L  | U        | 1       | 1    | V1    | TR2         | Plume Extent   | REAL    |
| 04991    | 6/3/99      | GW06329TE | trans-1,3-DICHLOROPROPENE      | 1      | UG/L  | U        | 1       | 1    | V1    | TR2         | Plume Extent   | REAL    |
| 04991    | 6/3/99      | GW06329TE | TRICHLOROETHENE                | 1      | UG/L  | U        | 1       | 1    | V1    | TR2         | Plume Extent   | REAL    |
| 04991    | 6/3/99      | GW06329TE | TRICHLOROFLUOROMETHANE         | 0.1    | UG/L  | JB       | 1       | 1    | JB1   | TR2         | Plume Extent   | REAL    |
| 04991    | 6/3/99      | GW06329TE | VINYL CHLORIDE                 | 1      | UG/L  | U        | 1       | 1    | V1    | TR2         | Plume Extent   | REAL    |
| 06091    | 5/12/99     | GW06330TE | 1,1,1,2-TETRACHLOROETHANE      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 06091    | 5/12/99     | GW06330TE | 1,1,1-TRICHLOROETHANE          | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 06091    | 5/12/99     | GW06330TE | 1,1,2,2-TETRACHLOROETHANE      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 06091    | 5/12/99     | GW06330TE | 1,1,2-TRICHLOROETHANE          | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 06091    | 5/12/99     | GW06330TE | 1,1-DICHLOROETHENE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 06091    | 5/12/99     | GW06330TE | 1,1-DICHLOROPROPENE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 06091    | 5/12/99     | GW06330TE | 1,2,3-TRICHLOROBENZENE         | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 06091    | 5/12/99     | GW06330TE | 1,2,3-TRICHLOROPROPANE         | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 06091    | 5/12/99     | GW06330TE | 1,2,4-TRICHLOROBENZENE         | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 06091    | 5/12/99     | GW06330TE | 1,2-DIBROMOETHANE              | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 06091    | 5/12/99     | GW06330TE | 1,2-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 06091    | 5/12/99     | GW06330TE | 1,2-DICHLOROETHANE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |

## Appendix A: Groundwater Analytical Data - VOCs

Second Quarter 1999

| Location | Sample Date | Sample #  | Analyte                        | Result | Units | Lab Qual | Det Lim | Dilu | Valid | Result Type | IMP Well Class | QC Type      |      |
|----------|-------------|-----------|--------------------------------|--------|-------|----------|---------|------|-------|-------------|----------------|--------------|------|
| 06091    | 5/12/99     | GW06330TE | 1,2-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL         |      |
| 06091    | 5/12/99     | GW06330TE | 1,3-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL         |      |
| 06091    | 5/12/99     | GW06330TE | 1,3-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL         |      |
| 06091    | 5/12/99     | GW06330TE | 1,4-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL         |      |
| 06091    | 5/12/99     | GW06330TE | 2,2-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL         |      |
| 06091    | 5/12/99     | GW06330TE | 4-ISOPROPYLtoluene             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL         |      |
| 06091    | 5/12/99     | GW06330TE | BENZENE                        | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL         |      |
| 06091    | 5/12/99     | GW06330TE | BENZENE, 1,2,4-TRIMETHYL-      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL         |      |
| 06091    | 5/12/99     | GW06330TE | BROMOBENZENE                   | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL         |      |
| 06091    | 5/12/99     | GW06330TE | BROMOCHLOROMETHANE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL         |      |
| 06091    | 5/12/99     | GW06330TE | BROMODICHLOROMETHANE           | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL         |      |
| 06091    | 5/12/99     | GW06330TE | BROMOFORM                      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL         |      |
| 06091    | 5/12/99     | GW06330TE | BROMOMETHANE                   | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL         |      |
| 06091    | 5/12/99     | GW06330TE | CARBON TETRACHLORIDE           | 5      | UG/L  |          |         | 1    | 1     | V1          | TR1            | Plume Extent | REAL |
| 06091    | 5/12/99     | GW06330TE | CHLOROBENZENE                  | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL         |      |
| 06091    | 5/12/99     | GW06330TE | CHLOROETHANE                   | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL         |      |
| 06091    | 5/12/99     | GW06330TE | CHLOROFORM                     | 0.4    | UG/L  | J        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL         |      |
| 06091    | 5/12/99     | GW06330TE | CHLOROMETHANE                  | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL         |      |
| 06091    | 5/12/99     | GW06330TE | cis-1,2-DICHLOROETHENE         | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL         |      |
| 06091    | 5/12/99     | GW06330TE | cis-1,3-DICHLOROPROPENE        | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL         |      |
| 06091    | 5/12/99     | GW06330TE | DIBROMOCHLOROMETHANE           | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL         |      |
| 06091    | 5/12/99     | GW06330TE | DIBROMOMETHANE                 | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL         |      |
| 06091    | 5/12/99     | GW06330TE | DICHLORODIFLUOROMETHANE        | 1      | UG/L  | U        | 1       | 1    | J1    | TR1         | Plume Extent   | REAL         |      |
| 06091    | 5/12/99     | GW06330TE | ETHYLBENZENE                   | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL         |      |
| 06091    | 5/12/99     | GW06330TE | HEXACHLOROBUTADIENE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL         |      |
| 06091    | 5/12/99     | GW06330TE | ISOPROPYLBENZENE               | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL         |      |
| 06091    | 5/12/99     | GW06330TE | METHYLENE CHLORIDE             | 1      | UG/L  | U        | 1       | 1    | J1    | TR1         | Plume Extent   | REAL         |      |
| 06091    | 5/12/99     | GW06330TE | NAPHTHALENE                    | 0.4    | UG/L  | BJ       | 1       | 1    | JB1   | TR1         | Plume Extent   | REAL         |      |
| 06091    | 5/12/99     | GW06330TE | n-BUTYLBENZENE                 | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL         |      |
| 06091    | 5/12/99     | GW06330TE | n-PROPYLBENZENE                | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL         |      |
| 06091    | 5/12/99     | GW06330TE | o-CHLOROTOLUENE                | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL         |      |
| 06091    | 5/12/99     | GW06330TE | p-CHLOROTOLUENE                | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL         |      |
| 06091    | 5/12/99     | GW06330TE | PROPANE, 1,2-DIBROMO-3-CHLORO- | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL         |      |
| 06091    | 5/12/99     | GW06330TE | sec-BUTYLBENZENE               | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL         |      |
| 06091    | 5/12/99     | GW06330TE | STYRENE                        | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL         |      |
| 06091    | 5/12/99     | GW06330TE | tert-BUTYLBENZENE              | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL         |      |
| 06091    | 5/12/99     | GW06330TE | TETRACHLOROETHENE              | 2      | UG/L  |          |         | 1    | 1     | V1          | TR1            | Plume Extent | REAL |
| 06091    | 5/12/99     | GW06330TE | TOLUENE                        | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL         |      |
| 06091    | 5/12/99     | GW06330TE | TOTAL XYLEMES                  | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL         |      |
| 06091    | 5/12/99     | GW06330TE | trans-1,2-DICHLOROETHENE       | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL         |      |
| 06091    | 5/12/99     | GW06330TE | trans-1,3-DICHLOROPROPENE      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL         |      |
| 06091    | 5/12/99     | GW06330TE | TRICHLOROETHENE                | 0.7    | UG/L  | J        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL         |      |
| 06091    | 5/12/99     | GW06330TE | TRICHLOROFUOROMETHANE          | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL         |      |
| 06091    | 5/12/99     | GW06330TE | VINYL CHLORIDE                 | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL         |      |
| 06091    | 6/14/99     | GW06417TE | 1,1,1,2-TETRACHLOROETHANE      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL         |      |
| 06091    | 6/14/99     | GW06417TE | 1,1,1-TRICHLOROETHANE          | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL         |      |
| 06091    | 6/14/99     | GW06417TE | 1,1,2,2-TETRACHLOROETHANE      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL         |      |
| 06091    | 6/14/99     | GW06417TE | 1,1,2-TRICHLOROETHANE          | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL         |      |
| 06091    | 6/14/99     | GW06417TE | 1,1-DICHLOROETHANE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL         |      |
| 06091    | 6/14/99     | GW06417TE | 1,1-DICHLOROETHENE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL         |      |
| 06091    | 6/14/99     | GW06417TE | 1,1-DICHLOROPROPENE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL         |      |
| 06091    | 6/14/99     | GW06417TE | 1,2,3-TRICHLOROBENZENE         | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | REAL         |      |
| 06091    | 6/14/99     | GW06417TE | 1,2,3-TRICHLOROPROPANE         | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL         |      |
| 06091    | 6/14/99     | GW06417TE | 1,2,4-TRICHLOROBENZENE         | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | REAL         |      |
| 06091    | 6/14/99     | GW06417TE | 1,2-DIBROMOETHANE              | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL         |      |
| 06091    | 6/14/99     | GW06417TE | 1,2-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | REAL         |      |
| 06091    | 6/14/99     | GW06417TE | 1,2-DICHLOROETHANE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL         |      |
| 06091    | 6/14/99     | GW06417TE | 1,2-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL         |      |
| 06091    | 6/14/99     | GW06417TE | 1,3-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | REAL         |      |
| 06091    | 6/14/99     | GW06417TE | 1,3-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL         |      |
| 06091    | 6/14/99     | GW06417TE | 1,4-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | REAL         |      |
| 06091    | 6/14/99     | GW06417TE | 2,2-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL         |      |
| 06091    | 6/14/99     | GW06417TE | 4-ISOPROPYLtoluene             | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | REAL         |      |

## Appendix A: Groundwater Analytical Data - VOCs

Second Quarter 1999

| Location | Sample Date | Sample #  | Analyte                        | Result | Units | Lab Qual | Det Lim | Dilu | Valid | Result Type | IMP Well Class  | QC Type |
|----------|-------------|-----------|--------------------------------|--------|-------|----------|---------|------|-------|-------------|-----------------|---------|
| 06091    | 6/14/99     | GW06417TE | BENZENE                        | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent    | REAL    |
| 06091    | 6/14/99     | GW06417TE | BENZENE, 1,2,4-TRIMETHYL       | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent    | REAL    |
| 06091    | 6/14/99     | GW06417TE | BENZENE, 1,3,5-TRIMETHYL-      | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent    | REAL    |
| 06091    | 6/14/99     | GW06417TE | BROMOBENZENE                   | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent    | REAL    |
| 06091    | 6/14/99     | GW06417TE | BROMOCHLOROMETHANE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 06091    | 6/14/99     | GW06417TE | BROMODICHLOROMETHANE           | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 06091    | 6/14/99     | GW06417TE | BROMOFORM                      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 06091    | 6/14/99     | GW06417TE | BROMOMETHANE                   | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 06091    | 6/14/99     | GW06417TE | CARBON TETRACHLORIDE           | 6      | UG/L  |          | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 06091    | 6/14/99     | GW06417TE | CHLOROBENZENE                  | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent    | REAL    |
| 06091    | 6/14/99     | GW06417TE | CHLOROETHANE                   | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 06091    | 6/14/99     | GW06417TE | CHLOROFORM                     | 0.6    | UG/L  | J        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 06091    | 6/14/99     | GW06417TE | CHLOROMETHANE                  | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 06091    | 6/14/99     | GW06417TE | cis-1,2-DICHLOROETHENE         | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 06091    | 6/14/99     | GW06417TE | cis-1,3-DICHLOROPROPENE        | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 06091    | 6/14/99     | GW06417TE | DIBROMOCHLOROMETHANE           | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 06091    | 6/14/99     | GW06417TE | DIBROMOMETHANE                 | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 06091    | 6/14/99     | GW06417TE | DICHLORODIFLUOROMETHANE        | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 06091    | 6/14/99     | GW06417TE | ETHYLBENZENE                   | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent    | REAL    |
| 06091    | 6/14/99     | GW06417TE | HEXACHLOROBUTADIENE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 06091    | 6/14/99     | GW06417TE | ISOPROPYLBENZENE               | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent    | REAL    |
| 06091    | 6/14/99     | GW06417TE | METHYLENE CHLORIDE             | 0.1    | UG/L  | JB       | 1       | 1    | JB1   | TR1         | Plume Extent    | REAL    |
| 06091    | 6/14/99     | GW06417TE | NAPHTHALENE                    | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 06091    | 6/14/99     | GW06417TE | n-BUTYLBENZENE                 | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent    | REAL    |
| 06091    | 6/14/99     | GW06417TE | n-PROPYLBENZENE                | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent    | REAL    |
| 06091    | 6/14/99     | GW06417TE | o-CHLOROTOLUENE                | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent    | REAL    |
| 06091    | 6/14/99     | GW06417TE | p-CHLOROTOLUENE                | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent    | REAL    |
| 06091    | 6/14/99     | GW06417TE | PROPANE, 1,2-DIBROMO-3-CHLORO- | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 06091    | 6/14/99     | GW06417TE | sec-BUTYLBENZENE               | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent    | REAL    |
| 06091    | 6/14/99     | GW06417TE | STYRENE                        | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent    | REAL    |
| 06091    | 6/14/99     | GW06417TE | tert-BUTYLBENZENE              | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent    | REAL    |
| 06091    | 6/14/99     | GW06417TE | TETRACHLOROETHENE              | 3      | UG/L  |          | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 06091    | 6/14/99     | GW06417TE | TOLUENE                        | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent    | REAL    |
| 06091    | 6/14/99     | GW06417TE | TOTAL XYLEMES                  | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent    | REAL    |
| 06091    | 6/14/99     | GW06417TE | trans-1,2-DICHLOROETHENE       | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 06091    | 6/14/99     | GW06417TE | trans-1,3-DICHLOROPROPENE      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 06091    | 6/14/99     | GW06417TE | TRICHLOROETHENE                | 0.9    | UG/L  | J        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 06091    | 6/14/99     | GW06417TE | TRICHLOROFLUOROMETHANE         | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 06091    | 6/14/99     | GW06417TE | VINYL CHLORIDE                 | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 10592    | 4/19/99     | GW06342TE | 1,1,1,2-TETRACHLOROETHANE      | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | Perf Monitoring | REAL    |
| 10592    | 4/19/99     | GW06342TE | 1,1,1-TRICHLOROETHANE          | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | Perf Monitoring | REAL    |
| 10592    | 4/19/99     | GW06342TE | 1,1,2,2-TETRACHLOROETHANE      | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | Perf Monitoring | REAL    |
| 10592    | 4/19/99     | GW06342TE | 1,1,2-TRICHLOROETHANE          | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | Perf Monitoring | REAL    |
| 10592    | 4/19/99     | GW06342TE | 1,1-DICHLOROETHANE             | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | Perf Monitoring | REAL    |
| 10592    | 4/19/99     | GW06342TE | 1,1-DICHLOROETHENE             | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | Perf Monitoring | REAL    |
| 10592    | 4/19/99     | GW06342TE | 1,1-DICHLOROPROPENE            | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | Perf Monitoring | REAL    |
| 10592    | 4/19/99     | GW06342TE | 1,2,3-TRICHLOROBENZENE         | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | Perf Monitoring | REAL    |
| 10592    | 4/19/99     | GW06342TE | 1,2,3-TRICHLOROPROPANE         | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | Perf Monitoring | REAL    |
| 10592    | 4/19/99     | GW06342TE | 1,2,4-TRICHLOROBENZENE         | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | Perf Monitoring | REAL    |
| 10592    | 4/19/99     | GW06342TE | 1,2-DIBROMOETHANE              | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | Perf Monitoring | REAL    |
| 10592    | 4/19/99     | GW06342TE | 1,2-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | Perf Monitoring | REAL    |
| 10592    | 4/19/99     | GW06342TE | 1,2-DICHLOROETHANE             | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | Perf Monitoring | REAL    |
| 10592    | 4/19/99     | GW06342TE | 1,2-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | Perf Monitoring | REAL    |
| 10592    | 4/19/99     | GW06342TE | 1,3-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | Perf Monitoring | REAL    |
| 10592    | 4/19/99     | GW06342TE | 1,3-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | Perf Monitoring | REAL    |
| 10592    | 4/19/99     | GW06342TE | 1,4-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | Perf Monitoring | REAL    |
| 10592    | 4/19/99     | GW06342TE | 2,2-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | Perf Monitoring | REAL    |
| 10592    | 4/19/99     | GW06342TE | 4-ISOPROPYLTOLUENE             | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | Perf Monitoring | REAL    |
| 10592    | 4/19/99     | GW06342TE | BENZENE                        | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | Perf Monitoring | REAL    |
| 10592    | 4/19/99     | GW06342TE | BENZENE, 1,2,4-TRIMETHYL       | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | Perf Monitoring | REAL    |
| 10592    | 4/19/99     | GW06342TE | BENZENE, 1,3,5-TRIMETHYL-      | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | Perf Monitoring | REAL    |
| 10592    | 4/19/99     | GW06342TE | BROMOBENZENE                   | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | Perf Monitoring | REAL    |
| 10592    | 4/19/99     | GW06342TE | BROMOCHLOROMETHANE             | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | Perf Monitoring | REAL    |
| 10592    | 4/19/99     | GW06342TE | BROMODICHLOROMETHANE           | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | Perf Monitoring | REAL    |

## Appendix A: Groundwater Analytical Data - VOCs

Second Quarter 1999

| Location | Sample Date | Sample #  | Analyte                        | Result | Units | Lab Qual | Det Lim | Dilu | Valid | Result Type | IMP Well Class  | QC Type |
|----------|-------------|-----------|--------------------------------|--------|-------|----------|---------|------|-------|-------------|-----------------|---------|
| 10592    | 4/19/99     | GW06342TE | BROMOFORM                      | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | Perf Monitoring | REAL    |
| 10592    | 4/19/99     | GW06342TE | BROMOMETHANE                   | 1      | UG/L  | U        | 1       | 1    | UJ    | TR1         | Perf Monitoring | REAL    |
| 10592    | 4/19/99     | GW06342TE | CARBON TETRACHLORIDE           | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | Perf Monitoring | REAL    |
| 10592    | 4/19/99     | GW06342TE | CHLOROBENZENE                  | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | Perf Monitoring | REAL    |
| 10592    | 4/19/99     | GW06342TE | CHLOROETHANE                   | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | Perf Monitoring | REAL    |
| 10592    | 4/19/99     | GW06342TE | CHLOROFORM                     | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | Perf Monitoring | REAL    |
| 10592    | 4/19/99     | GW06342TE | CHLOROMETHANE                  | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | Perf Monitoring | REAL    |
| 10592    | 4/19/99     | GW06342TE | cis-1,2-DICHLOROETHENE         | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | Perf Monitoring | REAL    |
| 10592    | 4/19/99     | GW06342TE | cis-1,3-DICHLOROPROPENE        | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | Perf Monitoring | REAL    |
| 10592    | 4/19/99     | GW06342TE | DIBROMOCHLOROMETHANE           | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | Perf Monitoring | REAL    |
| 10592    | 4/19/99     | GW06342TE | DIBROMOMETHANE                 | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | Perf Monitoring | REAL    |
| 10592    | 4/19/99     | GW06342TE | DICHLORODIFLUOROMETHANE        | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | Perf Monitoring | REAL    |
| 10592    | 4/19/99     | GW06342TE | ETHYLBENZENE                   | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | Perf Monitoring | REAL    |
| 10592    | 4/19/99     | GW06342TE | HEXACHLOROBUTADIENE            | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | Perf Monitoring | REAL    |
| 10592    | 4/19/99     | GW06342TE | ISOPROPYLBENZENE               | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | Perf Monitoring | REAL    |
| 10592    | 4/19/99     | GW06342TE | METHYLENE CHLORIDE             | 1      | UG/L  | B        | 1       | 1    | UJ    | TR1         | Perf Monitoring | REAL    |
| 10592    | 4/19/99     | GW06342TE | NAPHTHALENE                    | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | Perf Monitoring | REAL    |
| 10592    | 4/19/99     | GW06342TE | n-BUTYLBENZENE                 | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | Perf Monitoring | REAL    |
| 10592    | 4/19/99     | GW06342TE | n-PROPYLBENZENE                | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | Perf Monitoring | REAL    |
| 10592    | 4/19/99     | GW06342TE | o-CHLOROTOLUENE                | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | Perf Monitoring | REAL    |
| 10592    | 4/19/99     | GW06342TE | p-CHLOROTOLUENE                | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | Perf Monitoring | REAL    |
| 10592    | 4/19/99     | GW06342TE | PROPANE, 1,2-DIBROMO-3-CHLORO- | 1      | UG/L  | U        | 1       | 1    | UJ    | TR1         | Perf Monitoring | REAL    |
| 10592    | 4/19/99     | GW06342TE | sec-BUTYLBENZENE               | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | Perf Monitoring | REAL    |
| 10592    | 4/19/99     | GW06342TE | STYRENE                        | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | Perf Monitoring | REAL    |
| 10592    | 4/19/99     | GW06342TE | tert-BUTYLBENZENE              | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | Perf Monitoring | REAL    |
| 10592    | 4/19/99     | GW06342TE | TETRACHLOROETHENE              | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | Perf Monitoring | REAL    |
| 10592    | 4/19/99     | GW06342TE | TOLUENE                        | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | Perf Monitoring | REAL    |
| 10592    | 4/19/99     | GW06342TE | TOTAL XYLEMES                  | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | Perf Monitoring | REAL    |
| 10592    | 4/19/99     | GW06342TE | trans-1,2-DICHLOROETHENE       | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | Perf Monitoring | REAL    |
| 10592    | 4/19/99     | GW06342TE | trans-1,3-DICHLOROPROPENE      | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | Perf Monitoring | REAL    |
| 10592    | 4/19/99     | GW06342TE | TRICHLOROETHENE                | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | Perf Monitoring | REAL    |
| 10592    | 4/19/99     | GW06342TE | TRICHLOROFUOROMETHANE          | 0.1    | UG/L  | JB       | 1       | 1    | V     | TR1         | Perf Monitoring | REAL    |
| 10592    | 4/19/99     | GW06342TE | VINYL CHLORIDE                 | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | Perf Monitoring | REAL    |
| 10792    | 5/10/99     | GW06343TE | 1,1,1,2-TETRACHLOROETHANE      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 10792    | 5/10/99     | GW06343TE | 1,1,1-TRICHLOROETHANE          | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 10792    | 5/10/99     | GW06343TE | 1,1,2,2-TETRACHLOROETHANE      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 10792    | 5/10/99     | GW06343TE | 1,1,2-TRICHLOROETHANE          | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 10792    | 5/10/99     | GW06343TE | 1,1-DICHLOROETHANE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 10792    | 5/10/99     | GW06343TE | 1,1-DICHLOROETHENE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 10792    | 5/10/99     | GW06343TE | 1,1-DICHLOROPROPENE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 10792    | 5/10/99     | GW06343TE | 1,2,3-TRICHLOROBENZENE         | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 10792    | 5/10/99     | GW06343TE | 1,2,3-TRICHLOROPROPANE         | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 10792    | 5/10/99     | GW06343TE | 1,2,4-TRICHLOROBENZENE         | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 10792    | 5/10/99     | GW06343TE | 1,2-DIBROMOETHANE              | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 10792    | 5/10/99     | GW06343TE | 1,2-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 10792    | 5/10/99     | GW06343TE | 1,2-DICHLOROETHANE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 10792    | 5/10/99     | GW06343TE | 1,2-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 10792    | 5/10/99     | GW06343TE | 1,3-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 10792    | 5/10/99     | GW06343TE | 1,3-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 10792    | 5/10/99     | GW06343TE | 1,4-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 10792    | 5/10/99     | GW06343TE | 2,2-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 10792    | 5/10/99     | GW06343TE | 4-ISOPROPYLTOULUENE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 10792    | 5/10/99     | GW06343TE | BENZENE                        | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 10792    | 5/10/99     | GW06343TE | BENZENE, 1,2,4-TRIMETHYL       | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 10792    | 5/10/99     | GW06343TE | BENZENE, 1,3,5-TRIMETHYL       | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 10792    | 5/10/99     | GW06343TE | BROMOBENZENE                   | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 10792    | 5/10/99     | GW06343TE | BROMOCHLOROMETHANE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 10792    | 5/10/99     | GW06343TE | BROMODICHLOROMETHANE           | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 10792    | 5/10/99     | GW06343TE | BROMOFORM                      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 10792    | 5/10/99     | GW06343TE | BROMOMETHANE                   | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 10792    | 5/10/99     | GW06343TE | CARBON TETRACHLORIDE           | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 10792    | 5/10/99     | GW06343TE | CHLOROBENZENE                  | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 10792    | 5/10/99     | GW06343TE | CHLOROETHANE                   | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 10792    | 5/10/99     | GW06343TE | CHLOROFORM                     | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |

## Appendix A: Groundwater Analytical Data - VOCs

Second Quarter 1999

| Location | Sample Date | Sample #  | Analyte                        | Result | Units | Lab Qual | Det Lim | Dilu | Valid | Result Type | IMP Well Class  | QC Type |
|----------|-------------|-----------|--------------------------------|--------|-------|----------|---------|------|-------|-------------|-----------------|---------|
| 10792    | 5/10/99     | GW06343TE | CHLOROMETHANE                  | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 10792    | 5/10/99     | GW06343TE | cis-1,2-DICHLOROETHENE         | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 10792    | 5/10/99     | GW06343TE | cis-1,3-DICHLOROPROPENE        | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 10792    | 5/10/99     | GW06343TE | DIBROMOCHLOROMETHANE           | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 10792    | 5/10/99     | GW06343TE | DIBROMOMETHANE                 | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 10792    | 5/10/99     | GW06343TE | DICHLORODIFLUOROMETHANE        | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 10792    | 5/10/99     | GW06343TE | ETHYLBENZENE                   | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 10792    | 5/10/99     | GW06343TE | HEXACHLOROBUTADIENE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 10792    | 5/10/99     | GW06343TE | ISOPROPYLBENZENE               | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 10792    | 5/10/99     | GW06343TE | METHYLENE CHLORIDE             | 1      | UG/L  | U        | 1       | 1    | J1    | TR1         | Perf Monitoring | REAL    |
| 10792    | 5/10/99     | GW06343TE | NAPHTHALENE                    | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 10792    | 5/10/99     | GW06343TE | n-BUTYLBENZENE                 | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 10792    | 5/10/99     | GW06343TE | n-PROPYLBENZENE                | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 10792    | 5/10/99     | GW06343TE | o-CHLOROTOLUENE                | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 10792    | 5/10/99     | GW06343TE | p-CHLOROTOLUENE                | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 10792    | 5/10/99     | GW06343TE | PROPANE, 1,2-DIBROMO-3-CHLORO- | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 10792    | 5/10/99     | GW06343TE | sec-BUTYLBENZENE               | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 10792    | 5/10/99     | GW06343TE | STYRENE                        | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 10792    | 5/10/99     | GW06343TE | tert-BUTYLBENZENE              | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 10792    | 5/10/99     | GW06343TE | TETRACHLOROETHENE              | 0.7    | UG/L  | J        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 10792    | 5/10/99     | GW06343TE | TOLUENE                        | 0.2    | UG/L  | J        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 10792    | 5/10/99     | GW06343TE | TOTAL XYLEMES                  | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 10792    | 5/10/99     | GW06343TE | trans-1,2-DICHLOROETHENE       | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 10792    | 5/10/99     | GW06343TE | trans-1,3-DICHLOROPROPENE      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 10792    | 5/10/99     | GW06343TE | TRICHLOROETHENE                | 0.1    | UG/L  | J        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 10792    | 5/10/99     | GW06343TE | TRICHLOROFLUOROMETHANE         | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 10792    | 5/10/99     | GW06343TE | VINYL CHLORIDE                 | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 11092    | 5/11/99     | GW06344TE | 1,1,1,2-TETRACHLOROETHANE      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 11092    | 5/11/99     | GW06344TE | 1,1,1-TRICHLOROETHANE          | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 11092    | 5/11/99     | GW06344TE | 1,1,2,2-TETRACHLOROETHANE      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 11092    | 5/11/99     | GW06344TE | 1,1,2-TRICHLOROETHANE          | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 11092    | 5/11/99     | GW06344TE | 1,1-DICHLOROETHANE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 11092    | 5/11/99     | GW06344TE | 1,1-DICHLOROETHENE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 11092    | 5/11/99     | GW06344TE | 1,1-DICHLOROPROPENE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 11092    | 5/11/99     | GW06344TE | 1,2,3-TRICHLOROBENZENE         | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 11092    | 5/11/99     | GW06344TE | 1,2,3-TRICHLOROPROPANE         | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 11092    | 5/11/99     | GW06344TE | 1,2,4-TRICHLOROBENZENE         | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 11092    | 5/11/99     | GW06344TE | 1,2-DIBROMOETHANE              | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 11092    | 5/11/99     | GW06344TE | 1,2-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 11092    | 5/11/99     | GW06344TE | 1,2-DICHLOROETHANE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 11092    | 5/11/99     | GW06344TE | 1,2-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 11092    | 5/11/99     | GW06344TE | 1,3-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 11092    | 5/11/99     | GW06344TE | 1,3-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 11092    | 5/11/99     | GW06344TE | 1,4-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 11092    | 5/11/99     | GW06344TE | 2,2-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 11092    | 5/11/99     | GW06344TE | 4-ISOPROPYLTOLUENE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 11092    | 5/11/99     | GW06344TE | BENZENE                        | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 11092    | 5/11/99     | GW06344TE | BENZENE, 1,2,4-TRIMETHYL       | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 11092    | 5/11/99     | GW06344TE | BENZENE, 1,3,5-TRIMETHYL       | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 11092    | 5/11/99     | GW06344TE | BROMOBENZENE                   | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 11092    | 5/11/99     | GW06344TE | BROMOCHLOROMETHANE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 11092    | 5/11/99     | GW06344TE | BROMODICHLOROMETHANE           | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 11092    | 5/11/99     | GW06344TE | BROMOFORM                      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 11092    | 5/11/99     | GW06344TE | BROMOMETHANE                   | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 11092    | 5/11/99     | GW06344TE | CARBON TETRACHLORIDE           | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 11092    | 5/11/99     | GW06344TE | CHLOROBENZENE                  | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 11092    | 5/11/99     | GW06344TE | CHLOROETHANE                   | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 11092    | 5/11/99     | GW06344TE | CHLOROFORM                     | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 11092    | 5/11/99     | GW06344TE | CHLOROMETHANE                  | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 11092    | 5/11/99     | GW06344TE | cis-1,2-DICHLOROETHENE         | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 11092    | 5/11/99     | GW06344TE | cis-1,3-DICHLOROPROPENE        | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 11092    | 5/11/99     | GW06344TE | DIBROMOCHLOROMETHANE           | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 11092    | 5/11/99     | GW06344TE | DIBROMOMETHANE                 | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 11092    | 5/11/99     | GW06344TE | DICHLORODIFLUOROMETHANE        | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |

## Appendix A: Groundwater Analytical Data - VOCs

Second Quarter 1999

| Location | Sample Date | Sample #  | Analyte                        | Result | Units | Lab Qual | Det Lim | Dilu | Valid | Result Type | IMP Well Class  | QC Type |
|----------|-------------|-----------|--------------------------------|--------|-------|----------|---------|------|-------|-------------|-----------------|---------|
| 11092    | 5/11/99     | GW06344TE | ETHYLBENZENE                   | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 11092    | 5/11/99     | GW06344TE | HEXACHLOROBUTADIENE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 11092    | 5/11/99     | GW06344TE | ISOPROPYLBENZENE               | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 11092    | 5/11/99     | GW06344TE | METHYLENE CHLORIDE             | 0.1    | UG/L  | BJ       | 1       | 1    | JB1   | TR1         | Perf Monitoring | REAL    |
| 11092    | 5/11/99     | GW06344TE | NAPHTHALENE                    | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 11092    | 5/11/99     | GW06344TE | n-BUTYLBENZENE                 | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 11092    | 5/11/99     | GW06344TE | n-PROPYLBENZENE                | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 11092    | 5/11/99     | GW06344TE | o-CHLOROTOLUENE                | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 11092    | 5/11/99     | GW06344TE | p-CHLOROTOLUENE                | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 11092    | 5/11/99     | GW06344TE | PROPANE, 1,2-DIBROMO-3-CHLORO- | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 11092    | 5/11/99     | GW06344TE | sec-BUTYLBENZENE               | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 11092    | 5/11/99     | GW06344TE | STYRENE                        | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 11092    | 5/11/99     | GW06344TE | tert-BUTYLBENZENE              | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 11092    | 5/11/99     | GW06344TE | TETRACHLOROETHENE              | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 11092    | 5/11/99     | GW06344TE | TOLUENE                        | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 11092    | 5/11/99     | GW06344TE | TOTAL XYLEMES                  | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 11092    | 5/11/99     | GW06344TE | trans-1,2-DICHLOROETHENE       | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 11092    | 5/11/99     | GW06344TE | trans-1,3-DICHLOROPROPENE      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 11092    | 5/11/99     | GW06344TE | TRICHLOROETHENE                | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 11092    | 5/11/99     | GW06344TE | TRICHLOROFUOROMETHANE          | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 11092    | 5/11/99     | GW06344TE | VINYL CHLORIDE                 | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| 11891    | 5/20/99     | GW06345TE | 1,1,1,2-TETRACHLOROETHANE      | 25     | UG/L  | U        | 25      | 25   | V1    | TR1         | Perf Monitoring | REAL    |
| 11891    | 5/20/99     | GW06345TE | 1,1,1-TRICHLOROETHANE          | 25     | UG/L  | U        | 25      | 25   | V1    | TR1         | Perf Monitoring | REAL    |
| 11891    | 5/20/99     | GW06345TE | 1,1,2,2-TETRACHLOROETHANE      | 25     | UG/L  | U        | 25      | 25   | V1    | TR1         | Perf Monitoring | REAL    |
| 11891    | 5/20/99     | GW06345TE | 1,1,2-TRICHLOROETHANE          | 25     | UG/L  | U        | 25      | 25   | V1    | TR1         | Perf Monitoring | REAL    |
| 11891    | 5/20/99     | GW06345TE | 1,1-DICHLOROETHANE             | 25     | UG/L  | U        | 25      | 25   | V1    | TR1         | Perf Monitoring | REAL    |
| 11891    | 5/20/99     | GW06345TE | 1,1-DICHLOROETHENE             | 25     | UG/L  | U        | 25      | 25   | V1    | TR1         | Perf Monitoring | REAL    |
| 11891    | 5/20/99     | GW06345TE | 1,1-DICHLOROPROPENE            | 25     | UG/L  | U        | 25      | 25   | V1    | TR1         | Perf Monitoring | REAL    |
| 11891    | 5/20/99     | GW06345TE | 1,2,3-TRICHLOROBENZENE         | 25     | UG/L  | U        | 25      | 25   | UJ1   | TR1         | Perf Monitoring | REAL    |
| 11891    | 5/20/99     | GW06345TE | 1,2,3-TRICHLOROPROPANE         | 25     | UG/L  | U        | 25      | 25   | V1    | TR1         | Perf Monitoring | REAL    |
| 11891    | 5/20/99     | GW06345TE | 1,2,4-TRICHLOROBENZENE         | 25     | UG/L  | U        | 25      | 25   | UJ1   | TR1         | Perf Monitoring | REAL    |
| 11891    | 5/20/99     | GW06345TE | 1,2-DIBROMOETHANE              | 25     | UG/L  | U        | 25      | 25   | V1    | TR1         | Perf Monitoring | REAL    |
| 11891    | 5/20/99     | GW06345TE | 1,2-DICHLOROBENZENE            | 25     | UG/L  | U        | 25      | 25   | UJ1   | TR1         | Perf Monitoring | REAL    |
| 11891    | 5/20/99     | GW06345TE | 1,2-DICHLOROPROPANE            | 25     | UG/L  | U        | 25      | 25   | V1    | TR1         | Perf Monitoring | REAL    |
| 11891    | 5/20/99     | GW06345TE | 1,3-DICHLOROBENZENE            | 25     | UG/L  | U        | 25      | 25   | UJ1   | TR1         | Perf Monitoring | REAL    |
| 11891    | 5/20/99     | GW06345TE | 1,3-DICHLOROPROPANE            | 25     | UG/L  | U        | 25      | 25   | V1    | TR1         | Perf Monitoring | REAL    |
| 11891    | 5/20/99     | GW06345TE | 1,4-DICHLOROBENZENE            | 25     | UG/L  | U        | 25      | 25   | UJ1   | TR1         | Perf Monitoring | REAL    |
| 11891    | 5/20/99     | GW06345TE | 2,2-DICHLOROPROPANE            | 25     | UG/L  | U        | 25      | 25   | V1    | TR1         | Perf Monitoring | REAL    |
| 11891    | 5/20/99     | GW06345TE | 4-ISOPROPYL TOLUENE            | 25     | UG/L  | U        | 25      | 25   | UJ1   | TR1         | Perf Monitoring | REAL    |
| 11891    | 5/20/99     | GW06345TE | BENZENE                        | 25     | UG/L  | U        | 25      | 25   | UJ1   | TR1         | Perf Monitoring | REAL    |
| 11891    | 5/20/99     | GW06345TE | BENZENE, 1,2,4-TRIMETHYL       | 25     | UG/L  | U        | 25      | 25   | UJ1   | TR1         | Perf Monitoring | REAL    |
| 11891    | 5/20/99     | GW06345TE | BENZENE, 1,3,5-TRIMETHYL       | 25     | UG/L  | U        | 25      | 25   | UJ1   | TR1         | Perf Monitoring | REAL    |
| 11891    | 5/20/99     | GW06345TE | BROMOBENZENE                   | 25     | UG/L  | U        | 25      | 25   | UJ1   | TR1         | Perf Monitoring | REAL    |
| 11891    | 5/20/99     | GW06345TE | BROMOCHLOROMETHANE             | 25     | UG/L  | U        | 25      | 25   | V1    | TR1         | Perf Monitoring | REAL    |
| 11891    | 5/20/99     | GW06345TE | BROMODICHLOROMETHANE           | 25     | UG/L  | U        | 25      | 25   | V1    | TR1         | Perf Monitoring | REAL    |
| 11891    | 5/20/99     | GW06345TE | BROMOFORM                      | 25     | UG/L  | U        | 25      | 25   | V1    | TR1         | Perf Monitoring | REAL    |
| 11891    | 5/20/99     | GW06345TE | BROMOMETHANE                   | 25     | UG/L  | U        | 25      | 25   | V1    | TR1         | Perf Monitoring | REAL    |
| 11891    | 5/20/99     | GW06345TE | CARBON TETRACHLORIDE           | 310    | UG/L  | U        | 25      | 25   | V1    | TR1         | Perf Monitoring | REAL    |
| 11891    | 5/20/99     | GW06345TE | CHLOROBENZENE                  | 25     | UG/L  | U        | 25      | 25   | UJ1   | TR1         | Perf Monitoring | REAL    |
| 11891    | 5/20/99     | GW06345TE | CHLOROETHANE                   | 25     | UG/L  | U        | 25      | 25   | V1    | TR1         | Perf Monitoring | REAL    |
| 11891    | 5/20/99     | GW06345TE | CHLOROFORM                     | 10     | UG/L  | J        | 25      | 25   | V1    | TR1         | Perf Monitoring | REAL    |
| 11891    | 5/20/99     | GW06345TE | CHLOROMETHANE                  | 25     | UG/L  | U        | 25      | 25   | V1    | TR1         | Perf Monitoring | REAL    |
| 11891    | 5/20/99     | GW06345TE | cis-1,2-DICHLOROETHENE         | 11     | UG/L  | J        | 25      | 25   | V1    | TR1         | Perf Monitoring | REAL    |
| 11891    | 5/20/99     | GW06345TE | cis-1,3-DICHLOROPROPENE        | 25     | UG/L  | U        | 25      | 25   | V1    | TR1         | Perf Monitoring | REAL    |
| 11891    | 5/20/99     | GW06345TE | DIBROMOCHLOROMETHANE           | 25     | UG/L  | U        | 25      | 25   | V1    | TR1         | Perf Monitoring | REAL    |
| 11891    | 5/20/99     | GW06345TE | DIBROMOMETHANE                 | 25     | UG/L  | U        | 25      | 25   | V1    | TR1         | Perf Monitoring | REAL    |
| 11891    | 5/20/99     | GW06345TE | DICHLORODIFLUOROMETHANE        | 25     | UG/L  | U        | 25      | 25   | V1    | TR1         | Perf Monitoring | REAL    |
| 11891    | 5/20/99     | GW06345TE | ETHYLBENZENE                   | 25     | UG/L  | U        | 25      | 25   | UJ1   | TR1         | Perf Monitoring | REAL    |
| 11891    | 5/20/99     | GW06345TE | HEXAChLOROBUTADIENE            | 25     | UG/L  | U        | 25      | 25   | V1    | TR1         | Perf Monitoring | REAL    |
| 11891    | 5/20/99     | GW06345TE | ISOPROPYLBENZENE               | 25     | UG/L  | U        | 25      | 25   | UJ1   | TR1         | Perf Monitoring | REAL    |
| 11891    | 5/20/99     | GW06345TE | METHYLENE CHLORIDE             | 71     | UG/L  | B        | 25      | 25   | UJ1   | TR1         | Perf Monitoring | REAL    |
| 11891    | 5/20/99     | GW06345TE | NAPHTHALENE                    | 25     | UG/L  | U        | 25      | 25   | UJ1   | TR1         | Perf Monitoring | REAL    |
| 11891    | 5/20/99     | GW06345TE | n-BUTYLBENZENE                 | 25     | UG/L  | U        | 25      | 25   | UJ1   | TR1         | Perf Monitoring | REAL    |
| 11891    | 5/20/99     | GW06345TE | n-PROPYLBENZENE                | 25     | UG/L  | U        | 25      | 25   | UJ1   | TR1         | Perf Monitoring | REAL    |

## Appendix A: Groundwater Analytical Data - VOCs

Second Quarter 1999

| Location | Sample Date | Sample #  | Analyte                        | Result | Units | Lab Qual | Det Lim | Dilu | Valid | Result Type | IMP Well Class  | QC Type |
|----------|-------------|-----------|--------------------------------|--------|-------|----------|---------|------|-------|-------------|-----------------|---------|
| 11891    | 5/20/99     | GW06345TE | o-CHLOROTOLUENE                | 25     | UG/L  | U        | 25      | 25   | UJ1   | TR1         | Perf Monitoring | REAL    |
| 11891    | 5/20/99     | GW06345TE | p-CHLOROTOLUENE                | 25     | UG/L  | U        | 25      | 25   | UJ1   | TR1         | Perf Monitoring | REAL    |
| 11891    | 5/20/99     | GW06345TE | PROPANE, 1,2-DIBROMO-3-CHLORO- | 25     | UG/L  | U        | 25      | 25   | V1    | TR1         | Perf Monitoring | REAL    |
| 11891    | 5/20/99     | GW06345TE | sec-BUTYLBENZENE               | 25     | UG/L  | U        | 25      | 25   | UJ1   | TR1         | Perf Monitoring | REAL    |
| 11891    | 5/20/99     | GW06345TE | STYRENE                        | 25     | UG/L  | U        | 25      | 25   | UJ1   | TR1         | Perf Monitoring | REAL    |
| 11891    | 5/20/99     | GW06345TE | tert-BUTYLBENZENE              | 25     | UG/L  | U        | 25      | 25   | UJ1   | TR1         | Perf Monitoring | REAL    |
| 11891    | 5/20/99     | GW06345TE | TETRACHLOROETHENE              | 150    | UG/L  |          | 25      | 25   | V1    | TR1         | Perf Monitoring | REAL    |
| 11891    | 5/20/99     | GW06345TE | TOLUENE                        | 25     | UG/L  | U        | 25      | 25   | UJ1   | TR1         | Perf Monitoring | REAL    |
| 11891    | 5/20/99     | GW06345TE | TOTAL XYLEMES                  | 25     | UG/L  | U        | 25      | 25   | UJ1   | TR1         | Perf Monitoring | REAL    |
| 11891    | 5/20/99     | GW06345TE | trans-1,2-DICHLOROETHENE       | 25     | UG/L  | U        | 25      | 25   | V1    | TR1         | Perf Monitoring | REAL    |
| 11891    | 5/20/99     | GW06345TE | trans-1,3-DICHLOROPROPENE      | 25     | UG/L  | U        | 25      | 25   | V1    | TR1         | Perf Monitoring | REAL    |
| 11891    | 5/20/99     | GW06345TE | TRICHLOROETHENE                | 28     | UG/L  |          | 25      | 25   | V1    | TR1         | Perf Monitoring | REAL    |
| 11891    | 5/20/99     | GW06345TE | TRICHLOROFLUOROMETHANE         | 25     | UG/L  | U        | 25      | 25   | V1    | TR1         | Perf Monitoring | REAL    |
| 11891    | 5/20/99     | GW06345TE | VINYL CHLORIDE                 | 25     | UG/L  | U        | 25      | 25   | V1    | TR1         | Perf Monitoring | REAL    |
| 11891    | 5/20/99     | GW06346TE | 1,1,1,2-TETRACHLOROETHANE      | 25     | UG/L  | U        | 25      | 25   | V1    | TR1         | Perf Monitoring | DUP     |
| 11891    | 5/20/99     | GW06346TE | 1,1,1-TRICHLOROETHANE          | 25     | UG/L  | U        | 25      | 25   | V1    | TR1         | Perf Monitoring | DUP     |
| 11891    | 5/20/99     | GW06346TE | 1,1,2,2-TETRACHLOROETHANE      | 25     | UG/L  | U        | 25      | 25   | V1    | TR1         | Perf Monitoring | DUP     |
| 11891    | 5/20/99     | GW06346TE | 1,1,2-TRICHLOROETHANE          | 25     | UG/L  | U        | 25      | 25   | V1    | TR1         | Perf Monitoring | DUP     |
| 11891    | 5/20/99     | GW06346TE | 1,1-DICHLOROETHANE             | 25     | UG/L  | U        | 25      | 25   | V1    | TR1         | Perf Monitoring | DUP     |
| 11891    | 5/20/99     | GW06346TE | 1,1-DICHLOROETHENE             | 25     | UG/L  | U        | 25      | 25   | V1    | TR1         | Perf Monitoring | DUP     |
| 11891    | 5/20/99     | GW06346TE | 1,1-DICHLOROPROPENE            | 25     | UG/L  | U        | 25      | 25   | V1    | TR1         | Perf Monitoring | DUP     |
| 11891    | 5/20/99     | GW06346TE | 1,2,3-TRICHLOROBENZENE         | 25     | UG/L  | U        | 25      | 25   | UJ1   | TR1         | Perf Monitoring | DUP     |
| 11891    | 5/20/99     | GW06346TE | 1,2,3-TRICHLOROPROPANE         | 25     | UG/L  | U        | 25      | 25   | V1    | TR1         | Perf Monitoring | DUP     |
| 11891    | 5/20/99     | GW06346TE | 1,2,4-TRICHLOROBENZENE         | 25     | UG/L  | U        | 25      | 25   | UJ1   | TR1         | Perf Monitoring | DUP     |
| 11891    | 5/20/99     | GW06346TE | 1,2-DIBROMOETHANE              | 25     | UG/L  | U        | 25      | 25   | V1    | TR1         | Perf Monitoring | DUP     |
| 11891    | 5/20/99     | GW06346TE | 1,2-DICHLOROBENZENE            | 25     | UG/L  | U        | 25      | 25   | UJ1   | TR1         | Perf Monitoring | DUP     |
| 11891    | 5/20/99     | GW06346TE | 1,2-DICHLOROPROPANE            | 25     | UG/L  | U        | 25      | 25   | V1    | TR1         | Perf Monitoring | DUP     |
| 11891    | 5/20/99     | GW06346TE | 1,3-DICHLOROBENZENE            | 25     | UG/L  | U        | 25      | 25   | UJ1   | TR1         | Perf Monitoring | DUP     |
| 11891    | 5/20/99     | GW06346TE | 1,3-DICHLOROPROPANE            | 25     | UG/L  | U        | 25      | 25   | V1    | TR1         | Perf Monitoring | DUP     |
| 11891    | 5/20/99     | GW06346TE | 1,4-DICHLOROBENZENE            | 25     | UG/L  | U        | 25      | 25   | UJ1   | TR1         | Perf Monitoring | DUP     |
| 11891    | 5/20/99     | GW06346TE | 2,2-DICHLOROPROPANE            | 25     | UG/L  | U        | 25      | 25   | V1    | TR1         | Perf Monitoring | DUP     |
| 11891    | 5/20/99     | GW06346TE | 4-ISOPROPYL TOLUENE            | 25     | UG/L  | U        | 25      | 25   | UJ1   | TR1         | Perf Monitoring | DUP     |
| 11891    | 5/20/99     | GW06346TE | BENZENE                        | 25     | UG/L  | U        | 25      | 25   | UJ1   | TR1         | Perf Monitoring | DUP     |
| 11891    | 5/20/99     | GW06346TE | BENZENE, 1,2,4-TRIMETHYL       | 25     | UG/L  | U        | 25      | 25   | UJ1   | TR1         | Perf Monitoring | DUP     |
| 11891    | 5/20/99     | GW06346TE | BENZENE, 1,3,5-TRIMETHYL       | 25     | UG/L  | U        | 25      | 25   | UJ1   | TR1         | Perf Monitoring | DUP     |
| 11891    | 5/20/99     | GW06346TE | BROMOBENZENE                   | 25     | UG/L  | U        | 25      | 25   | UJ1   | TR1         | Perf Monitoring | DUP     |
| 11891    | 5/20/99     | GW06346TE | BROMOCHLOROMETHANE             | 25     | UG/L  | U        | 25      | 25   | V1    | TR1         | Perf Monitoring | DUP     |
| 11891    | 5/20/99     | GW06346TE | BROMODICHLOROMETHANE           | 25     | UG/L  | U        | 25      | 25   | V1    | TR1         | Perf Monitoring | DUP     |
| 11891    | 5/20/99     | GW06346TE | BROMOFORM                      | 25     | UG/L  | U        | 25      | 25   | V1    | TR1         | Perf Monitoring | DUP     |
| 11891    | 5/20/99     | GW06346TE | BROMOMETHANE                   | 25     | UG/L  | U        | 25      | 25   | V1    | TR1         | Perf Monitoring | DUP     |
| 11891    | 5/20/99     | GW06346TE | CARBON TETRACHLORIDE           | 300    | UG/L  |          | 25      | 25   | V1    | TR1         | Perf Monitoring | DUP     |
| 11891    | 5/20/99     | GW06346TE | CHLOROBENZENE                  | 25     | UG/L  | U        | 25      | 25   | UJ1   | TR1         | Perf Monitoring | DUP     |
| 11891    | 5/20/99     | GW06346TE | CHLOROETHANE                   | 25     | UG/L  | U        | 25      | 25   | V1    | TR1         | Perf Monitoring | DUP     |
| 11891    | 5/20/99     | GW06346TE | CHLOROFORM                     | 10     | UG/L  | J        | 25      | 25   | V1    | TR1         | Perf Monitoring | DUP     |
| 11891    | 5/20/99     | GW06346TE | CHLOROMETHANE                  | 25     | UG/L  | U        | 25      | 25   | V1    | TR1         | Perf Monitoring | DUP     |
| 11891    | 5/20/99     | GW06346TE | cis-1,2-DICHLOROETHENE         | 11     | UG/L  | J        | 25      | 25   | V1    | TR1         | Perf Monitoring | DUP     |
| 11891    | 5/20/99     | GW06346TE | cis-1,3-DICHLOROPROPENE        | 25     | UG/L  | U        | 25      | 25   | V1    | TR1         | Perf Monitoring | DUP     |
| 11891    | 5/20/99     | GW06346TE | DIBROMOCHLOROMETHANE           | 25     | UG/L  | U        | 25      | 25   | V1    | TR1         | Perf Monitoring | DUP     |
| 11891    | 5/20/99     | GW06346TE | DIBROMOMETHANE                 | 25     | UG/L  | U        | 25      | 25   | V1    | TR1         | Perf Monitoring | DUP     |
| 11891    | 5/20/99     | GW06346TE | DICHLORODIFLUOROMETHANE        | 25     | UG/L  | U        | 25      | 25   | V1    | TR1         | Perf Monitoring | DUP     |
| 11891    | 5/20/99     | GW06346TE | ETHYLBENZENE                   | 25     | UG/L  | U        | 25      | 25   | UJ1   | TR1         | Perf Monitoring | DUP     |
| 11891    | 5/20/99     | GW06346TE | HEXACHLOROBUTADIENE            | 25     | UG/L  | U        | 25      | 25   | V1    | TR1         | Perf Monitoring | DUP     |
| 11891    | 5/20/99     | GW06346TE | ISOPROPYL BENZENE              | 25     | UG/L  | U        | 25      | 25   | UJ1   | TR1         | Perf Monitoring | DUP     |
| 11891    | 5/20/99     | GW06346TE | METHYLENE CHLORIDE             | 84     | UG/L  | B        | 25      | 25   | UJ1   | TR1         | Perf Monitoring | DUP     |
| 11891    | 5/20/99     | GW06346TE | NAPHTHALENE                    | 25     | UG/L  | U        | 25      | 25   | UJ1   | TR1         | Perf Monitoring | DUP     |
| 11891    | 5/20/99     | GW06346TE | n-BUTYL BENZENE                | 25     | UG/L  | U        | 25      | 25   | UJ1   | TR1         | Perf Monitoring | DUP     |
| 11891    | 5/20/99     | GW06346TE | n-PROPYLBENZENE                | 25     | UG/L  | U        | 25      | 25   | UJ1   | TR1         | Perf Monitoring | DUP     |
| 11891    | 5/20/99     | GW06346TE | o-CHLOROTOLUENE                | 25     | UG/L  | U        | 25      | 25   | UJ1   | TR1         | Perf Monitoring | DUP     |
| 11891    | 5/20/99     | GW06346TE | p-CHLOROTOLUENE                | 25     | UG/L  | U        | 25      | 25   | UJ1   | TR1         | Perf Monitoring | DUP     |
| 11891    | 5/20/99     | GW06346TE | PROPANE, 1,2-DIBROMO-3-CHLORO- | 25     | UG/L  | U        | 25      | 25   | V1    | TR1         | Perf Monitoring | DUP     |
| 11891    | 5/20/99     | GW06346TE | sec-BUTYLBENZENE               | 25     | UG/L  | U        | 25      | 25   | UJ1   | TR1         | Perf Monitoring | DUP     |
| 11891    | 5/20/99     | GW06346TE | STYRENE                        | 25     | UG/L  | U        | 25      | 25   | UJ1   | TR1         | Perf Monitoring | DUP     |
| 11891    | 5/20/99     | GW06346TE | tert-BUTYLBENZENE              | 25     | UG/L  | U        | 25      | 25   | UJ1   | TR1         | Perf Monitoring | DUP     |
| 11891    | 5/20/99     | GW06346TE | TETRACHLOROETHENE              | 150    | UG/L  |          | 25      | 25   | V1    | TR1         | Perf Monitoring | DUP     |

## Appendix A: Groundwater Analytical Data - VOCs

Second Quarter 1999

| Location | Sample Date | Sample #  | Analyte                        | Result | Units | Lab Qual | Det Lim | Dilu | Valid | Result Type | IMP Well Class  | QC Type |
|----------|-------------|-----------|--------------------------------|--------|-------|----------|---------|------|-------|-------------|-----------------|---------|
| 11891    | 5/20/99     | GW06346TE | TOLUENE                        | 25     | UG/L  | U        | 25      | 25   | UJ1   | TR1         | Perf Monitoring | DUP     |
| 11891    | 5/20/99     | GW06346TE | TOTAL XYLEMES                  | 25     | UG/L  | U        | 25      | 25   | UJ1   | TR1         | Perf Monitoring | DUP     |
| 11891    | 5/20/99     | GW06346TE | trans-1,2-DICHLOROETHENE       | 25     | UG/L  | U        | 25      | 25   | V1    | TR1         | Perf Monitoring | DUP     |
| 11891    | 5/20/99     | GW06346TE | trans-1,3-DICHLOROPROPENE      | 25     | UG/L  | U        | 25      | 25   | V1    | TR1         | Perf Monitoring | DUP     |
| 11891    | 5/20/99     | GW06346TE | TRICHLOROETHENE                | 28     | UG/L  |          | 25      | 25   | V1    | TR1         | Perf Monitoring | DUP     |
| 11891    | 5/20/99     | GW06346TE | TRICHLOROFLUOROMETHANE         | 25     | UG/L  | U        | 25      | 25   | V1    | TR1         | Perf Monitoring | DUP     |
| 11891    | 5/20/99     | GW06346TE | VINYL CHLORIDE                 | 25     | UG/L  | U        | 25      | 25   | V1    | TR1         | Perf Monitoring | DUP     |
| 11891    | 5/20/99     | GW06347TE | 1,1,1,2-TETRACHLOROETHANE      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | RNS     |
| 11891    | 5/20/99     | GW06347TE | 1,1,1-TRICHLOROETHANE          | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | RNS     |
| 11891    | 5/20/99     | GW06347TE | 1,1,2,2-TETRACHLOROETHANE      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | RNS     |
| 11891    | 5/20/99     | GW06347TE | 1,1,2-TRICHLOROETHANE          | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | RNS     |
| 11891    | 5/20/99     | GW06347TE | 1,1-DICHLOROETHANE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | RNS     |
| 11891    | 5/20/99     | GW06347TE | 1,1-DICHLOROETHENE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | RNS     |
| 11891    | 5/20/99     | GW06347TE | 1,1-DICHLOROPROPENE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | RNS     |
| 11891    | 5/20/99     | GW06347TE | 1,2,3-TRICHLOROBENZENE         | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Perf Monitoring | RNS     |
| 11891    | 5/20/99     | GW06347TE | 1,2,3-TRICHLOROPROPANE         | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | RNS     |
| 11891    | 5/20/99     | GW06347TE | 1,2,4-TRICHLOROBENZENE         | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Perf Monitoring | RNS     |
| 11891    | 5/20/99     | GW06347TE | 1,2-DIBROMOETHANE              | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | RNS     |
| 11891    | 5/20/99     | GW06347TE | 1,2-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Perf Monitoring | RNS     |
| 11891    | 5/20/99     | GW06347TE | 1,2-DICHLOROETHANE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | RNS     |
| 11891    | 5/20/99     | GW06347TE | 1,2-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | RNS     |
| 11891    | 5/20/99     | GW06347TE | 1,3-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Perf Monitoring | RNS     |
| 11891    | 5/20/99     | GW06347TE | 1,3-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | RNS     |
| 11891    | 5/20/99     | GW06347TE | 1,4-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Perf Monitoring | RNS     |
| 11891    | 5/20/99     | GW06347TE | 2,2-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | RNS     |
| 11891    | 5/20/99     | GW06347TE | 4-ISOPROPYLTOLUENE             | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Perf Monitoring | RNS     |
| 11891    | 5/20/99     | GW06347TE | BENZENE                        | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Perf Monitoring | RNS     |
| 11891    | 5/20/99     | GW06347TE | BENZENE, 1,2,4-TRIMETHYL       | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Perf Monitoring | RNS     |
| 11891    | 5/20/99     | GW06347TE | BENZENE, 1,3,5-TRIMETHYL-      | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Perf Monitoring | RNS     |
| 11891    | 5/20/99     | GW06347TE | BROMOBENZENE                   | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Perf Monitoring | RNS     |
| 11891    | 5/20/99     | GW06347TE | BROMOCHLOROMETHANE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | RNS     |
| 11891    | 5/20/99     | GW06347TE | BROMODICHLOROMETHANE           | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | RNS     |
| 11891    | 5/20/99     | GW06347TE | BROMOFORM                      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | RNS     |
| 11891    | 5/20/99     | GW06347TE | BROMOMETHANE                   | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | RNS     |
| 11891    | 5/20/99     | GW06347TE | CARBON TETRACHLORIDE           | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | RNS     |
| 11891    | 5/20/99     | GW06347TE | CHLOROBENZENE                  | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Perf Monitoring | RNS     |
| 11891    | 5/20/99     | GW06347TE | CHLOROETHANE                   | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | RNS     |
| 11891    | 5/20/99     | GW06347TE | CHLOROFORM                     | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | RNS     |
| 11891    | 5/20/99     | GW06347TE | CHLOROMETHANE                  | 1      | UG/L  | J        | 1       | 1    | V1    | TR1         | Perf Monitoring | RNS     |
| 11891    | 5/20/99     | GW06347TE | cis-1,2-DICHLOROETHENE         | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | RNS     |
| 11891    | 5/20/99     | GW06347TE | cis-1,3-DICHLOROPROPENE        | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | RNS     |
| 11891    | 5/20/99     | GW06347TE | DIBROMOCHLOROMETHANE           | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | RNS     |
| 11891    | 5/20/99     | GW06347TE | DIBROMOMETHANE                 | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | RNS     |
| 11891    | 5/20/99     | GW06347TE | DICHLORODIFLUOROMETHANE        | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | RNS     |
| 11891    | 5/20/99     | GW06347TE | ETHYLBENZENE                   | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Perf Monitoring | RNS     |
| 11891    | 5/20/99     | GW06347TE | HEXACHLOROBUTADIENE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | RNS     |
| 11891    | 5/20/99     | GW06347TE | ISOPROPYLBENZENE               | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Perf Monitoring | RNS     |
| 11891    | 5/20/99     | GW06347TE | METHYLENE CHLORIDE             | 1      | UG/L  | B        | 1       | 1    | UJ1   | TR1         | Perf Monitoring | RNS     |
| 11891    | 5/20/99     | GW06347TE | NAPHTHALENE                    | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Perf Monitoring | RNS     |
| 11891    | 5/20/99     | GW06347TE | n-BUTYLBENZENE                 | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Perf Monitoring | RNS     |
| 11891    | 5/20/99     | GW06347TE | n-PROPYLBENZENE                | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Perf Monitoring | RNS     |
| 11891    | 5/20/99     | GW06347TE | o-CHLOROTOLUENE                | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Perf Monitoring | RNS     |
| 11891    | 5/20/99     | GW06347TE | p-CHLOROTOLUENE                | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Perf Monitoring | RNS     |
| 11891    | 5/20/99     | GW06347TE | PROPANE, 1,2-DIBROMO-3-CHLORO- | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | RNS     |
| 11891    | 5/20/99     | GW06347TE | sec-BUTYLBENZENE               | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Perf Monitoring | RNS     |
| 11891    | 5/20/99     | GW06347TE | STYRENE                        | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Perf Monitoring | RNS     |
| 11891    | 5/20/99     | GW06347TE | tert-BUTYLBENZENE              | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Perf Monitoring | RNS     |
| 11891    | 5/20/99     | GW06347TE | TETRACHLOROETHENE              | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | RNS     |
| 11891    | 5/20/99     | GW06347TE | TOLUENE                        | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Perf Monitoring | RNS     |
| 11891    | 5/20/99     | GW06347TE | TOTAL XYLEMES                  | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Perf Monitoring | RNS     |
| 11891    | 5/20/99     | GW06347TE | trans-1,2-DICHLOROETHENE       | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | RNS     |
| 11891    | 5/20/99     | GW06347TE | trans-1,3-DICHLOROPROPENE      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | RNS     |
| 11891    | 5/20/99     | GW06347TE | TRICHLOROETHENE                | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | RNS     |
| 11891    | 5/20/99     | GW06347TE | TRICHLOROFLUOROMETHANE         | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | RNS     |

## Appendix A: Groundwater Analytical Data - VOCs

Second Quarter 1999

| Location | Sample Date | Sample # | Analyte   | Result                         | Units | Lab Qual | Det Lim | Dilu | Valid | Result Type | IMP Well Class | QC Type         |      |
|----------|-------------|----------|-----------|--------------------------------|-------|----------|---------|------|-------|-------------|----------------|-----------------|------|
|          | 11891       | 5/20/99  | GW06348TE | VINYL CHLORIDE                 | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Perf Monitoring | RNS  |
|          | 12191       | 6/3/99   | GW06348TE | 1,1,1,2-TETRACHLOROETHANE      | 10    | UG/L     | U       | 10   | 10    | V1          | TR1            | Perf Monitoring | REAL |
|          | 12191       | 6/3/99   | GW06348TE | 1,1,1-TRICHLOROETHANE          | 4     | UG/L     | J       | 10   | 10    | V1          | TR1            | Perf Monitoring | REAL |
|          | 12191       | 6/3/99   | GW06348TE | 1,1,2,2-TETRACHLOROETHANE      | 10    | UG/L     | U       | 10   | 10    | V1          | TR1            | Perf Monitoring | REAL |
|          | 12191       | 6/3/99   | GW06348TE | 1,1,2-TRICHLOROETHANE          | 10    | UG/L     | U       | 10   | 10    | V1          | TR1            | Perf Monitoring | REAL |
|          | 12191       | 6/3/99   | GW06348TE | 1,1-DICHLOROETHANE             | 10    | UG/L     | U       | 10   | 10    | V1          | TR1            | Perf Monitoring | REAL |
|          | 12191       | 6/3/99   | GW06348TE | 1,1-DICHLOROETHENE             | 4     | UG/L     | J       | 10   | 10    | V1          | TR1            | Perf Monitoring | REAL |
|          | 12191       | 6/3/99   | GW06348TE | 1,1-DICHLOROPROPENE            | 10    | UG/L     | U       | 10   | 10    | V1          | TR1            | Perf Monitoring | REAL |
|          | 12191       | 6/3/99   | GW06348TE | 1,2,3-TRICHLOROBENZENE         | 10    | UG/L     | U       | 10   | 10    | UJ1         | TR1            | Perf Monitoring | REAL |
|          | 12191       | 6/3/99   | GW06348TE | 1,2,3-TRICHLOROPROPANE         | 10    | UG/L     | U       | 10   | 10    | V1          | TR1            | Perf Monitoring | REAL |
|          | 12191       | 6/3/99   | GW06348TE | 1,2,4-TRICHLOROBENZENE         | 10    | UG/L     | U       | 10   | 10    | UJ1         | TR1            | Perf Monitoring | REAL |
|          | 12191       | 6/3/99   | GW06348TE | 1,2-DIBROMOETHANE              | 10    | UG/L     | U       | 10   | 10    | V1          | TR1            | Perf Monitoring | REAL |
|          | 12191       | 6/3/99   | GW06348TE | 1,2-DICHLOROBENZENE            | 10    | UG/L     | U       | 10   | 10    | UJ1         | TR1            | Perf Monitoring | REAL |
|          | 12191       | 6/3/99   | GW06348TE | 1,2-DICHLOROETHANE             | 10    | UG/L     | U       | 10   | 10    | V1          | TR1            | Perf Monitoring | REAL |
|          | 12191       | 6/3/99   | GW06348TE | 1,2-DICHLOROPROPANE            | 10    | UG/L     | U       | 10   | 10    | V1          | TR1            | Perf Monitoring | REAL |
|          | 12191       | 6/3/99   | GW06348TE | 1,3-DICHLOROBENZENE            | 10    | UG/L     | U       | 10   | 10    | UJ1         | TR1            | Perf Monitoring | REAL |
|          | 12191       | 6/3/99   | GW06348TE | 1,3-DICHLOROPROPANE            | 10    | UG/L     | U       | 10   | 10    | V1          | TR1            | Perf Monitoring | REAL |
|          | 12191       | 6/3/99   | GW06348TE | 1,4-DICHLOROBENZENE            | 10    | UG/L     | U       | 10   | 10    | UJ1         | TR1            | Perf Monitoring | REAL |
|          | 12191       | 6/3/99   | GW06348TE | 2,2-DICHLOROPROPANE            | 10    | UG/L     | U       | 10   | 10    | V1          | TR1            | Perf Monitoring | REAL |
|          | 12191       | 6/3/99   | GW06348TE | 4-ISOPROPYLtolUENE             | 10    | UG/L     | U       | 10   | 10    | UJ1         | TR1            | Perf Monitoring | REAL |
|          | 12191       | 6/3/99   | GW06348TE | BENZENE                        | 10    | UG/L     | U       | 10   | 10    | UJ1         | TR1            | Perf Monitoring | REAL |
|          | 12191       | 6/3/99   | GW06348TE | BENZENE, 1,2,4-TRIMETHYL       | 10    | UG/L     | U       | 10   | 10    | UJ1         | TR1            | Perf Monitoring | REAL |
|          | 12191       | 6/3/99   | GW06348TE | BENZENE, 1,3,5-TRIMETHYL-      | 10    | UG/L     | U       | 10   | 10    | UJ1         | TR1            | Perf Monitoring | REAL |
|          | 12191       | 6/3/99   | GW06348TE | BROMOBENZENE                   | 10    | UG/L     | U       | 10   | 10    | UJ1         | TR1            | Perf Monitoring | REAL |
|          | 12191       | 6/3/99   | GW06348TE | BROMOCHLOROMETHANE             | 10    | UG/L     | U       | 10   | 10    | V1          | TR1            | Perf Monitoring | REAL |
|          | 12191       | 6/3/99   | GW06348TE | BROMODICHLOROMETHANE           | 10    | UG/L     | U       | 10   | 10    | V1          | TR1            | Perf Monitoring | REAL |
|          | 12191       | 6/3/99   | GW06348TE | BROMOFORM                      | 10    | UG/L     | U       | 10   | 10    | V1          | TR1            | Perf Monitoring | REAL |
|          | 12191       | 6/3/99   | GW06348TE | BROMOMETHANE                   | 10    | UG/L     | U       | 10   | 10    | V1          | TR1            | Perf Monitoring | REAL |
|          | 12191       | 6/3/99   | GW06348TE | CARBON TETRACHLORIDE           | 290   | UG/L     | E       | 10   | 10    | 1           | TR1            | Perf Monitoring | REAL |
|          | 12191       | 6/3/99   | GW06348TE | CHLOROBENZENE                  | 10    | UG/L     | U       | 10   | 10    | UJ1         | TR1            | Perf Monitoring | REAL |
|          | 12191       | 6/3/99   | GW06348TE | CHLOROETHANE                   | 10    | UG/L     | U       | 10   | 10    | V1          | TR1            | Perf Monitoring | REAL |
|          | 12191       | 6/3/99   | GW06348TE | CHLOROFORM                     | 9     | UG/L     | J       | 10   | 10    | V1          | TR1            | Perf Monitoring | REAL |
|          | 12191       | 6/3/99   | GW06348TE | CHLOROMETHANE                  | 10    | UG/L     | U       | 10   | 10    | V1          | TR1            | Perf Monitoring | REAL |
|          | 12191       | 6/3/99   | GW06348TE | cis-1,2-DICHLOROETHENE         | 10    | UG/L     | J       | 10   | 10    | V1          | TR1            | Perf Monitoring | REAL |
|          | 12191       | 6/3/99   | GW06348TE | cis-1,3-DICHLOROPROPENE        | 10    | UG/L     | U       | 10   | 10    | V1          | TR1            | Perf Monitoring | REAL |
|          | 12191       | 6/3/99   | GW06348TE | DIBROMOCHLOROMETHANE           | 10    | UG/L     | U       | 10   | 10    | V1          | TR1            | Perf Monitoring | REAL |
|          | 12191       | 6/3/99   | GW06348TE | DIBROMOMETHANE                 | 10    | UG/L     | U       | 10   | 10    | V1          | TR1            | Perf Monitoring | REAL |
|          | 12191       | 6/3/99   | GW06348TE | DICHLORODIFLUOROMETHANE        | 10    | UG/L     | U       | 10   | 10    | V1          | TR1            | Perf Monitoring | REAL |
|          | 12191       | 6/3/99   | GW06348TE | ETHYLBENZENE                   | 10    | UG/L     | U       | 10   | 10    | UJ1         | TR1            | Perf Monitoring | REAL |
|          | 12191       | 6/3/99   | GW06348TE | HEXACHLOROBUTADIENE            | 10    | UG/L     | U       | 10   | 10    | V1          | TR1            | Perf Monitoring | REAL |
|          | 12191       | 6/3/99   | GW06348TE | ISOPROPYLBENZENE               | 10    | UG/L     | U       | 10   | 10    | UJ1         | TR1            | Perf Monitoring | REAL |
|          | 12191       | 6/3/99   | GW06348TE | METHYLENE CHLORIDE             | 19    | UG/L     | JB      | 10   | 10    | UJ1         | TR1            | Perf Monitoring | REAL |
|          | 12191       | 6/3/99   | GW06348TE | NAPHTHALENE                    | 10    | UG/L     | U       | 10   | 10    | UJ1         | TR1            | Perf Monitoring | REAL |
|          | 12191       | 6/3/99   | GW06348TE | n-BUTYLBENZENE                 | 10    | UG/L     | U       | 10   | 10    | UJ1         | TR1            | Perf Monitoring | REAL |
|          | 12191       | 6/3/99   | GW06348TE | n-PROPYLBENZENE                | 10    | UG/L     | U       | 10   | 10    | UJ1         | TR1            | Perf Monitoring | REAL |
|          | 12191       | 6/3/99   | GW06348TE | o-CHLOROTOLUENE                | 10    | UG/L     | U       | 10   | 10    | UJ1         | TR1            | Perf Monitoring | REAL |
|          | 12191       | 6/3/99   | GW06348TE | p-CHLOROTOLUENE                | 10    | UG/L     | U       | 10   | 10    | UJ1         | TR1            | Perf Monitoring | REAL |
|          | 12191       | 6/3/99   | GW06348TE | PROPANE, 1,2-DIBROMO-3-CHLORO- | 10    | UG/L     | U       | 10   | 10    | V1          | TR1            | Perf Monitoring | REAL |
|          | 12191       | 6/3/99   | GW06348TE | sec-BUTYLBENZENE               | 10    | UG/L     | U       | 10   | 10    | UJ1         | TR1            | Perf Monitoring | REAL |
|          | 12191       | 6/3/99   | GW06348TE | STYRENE                        | 10    | UG/L     | U       | 10   | 10    | UJ1         | TR1            | Perf Monitoring | REAL |
|          | 12191       | 6/3/99   | GW06348TE | tert-BUTYLBENZENE              | 10    | UG/L     | U       | 10   | 10    | UJ1         | TR1            | Perf Monitoring | REAL |
|          | 12191       | 6/3/99   | GW06348TE | TETRACHLOROETHENE              | 260   | UG/L     | E       | 10   | 10    | 1           | TR1            | Perf Monitoring | REAL |
|          | 12191       | 6/3/99   | GW06348TE | TOLUENE                        | 10    | UG/L     | U       | 10   | 10    | UJ1         | TR1            | Perf Monitoring | REAL |
|          | 12191       | 6/3/99   | GW06348TE | TOTAL XYLEMES                  | 10    | UG/L     | U       | 10   | 10    | UJ1         | TR1            | Perf Monitoring | REAL |
|          | 12191       | 6/3/99   | GW06348TE | trans-1,2-DICHLOROETHENE       | 10    | UG/L     | U       | 10   | 10    | V1          | TR1            | Perf Monitoring | REAL |
|          | 12191       | 6/3/99   | GW06348TE | trans-1,3-DICHLOROPROPENE      | 10    | UG/L     | U       | 10   | 10    | V1          | TR1            | Perf Monitoring | REAL |
|          | 12191       | 6/3/99   | GW06348TE | TRICHLOROETHENE                | 29    | UG/L     |         | 10   | 10    | V1          | TR1            | Perf Monitoring | REAL |
|          | 12191       | 6/3/99   | GW06348TE | TRICHLOROFLUOROMETHANE         | 3     | UG/L     | JB      | 10   | 10    | JB1         | TR1            | Perf Monitoring | REAL |
|          | 12191       | 6/3/99   | GW06348TE | VINYL CHLORIDE                 | 10    | UG/L     | U       | 10   | 10    | V1          | TR1            | Perf Monitoring | REAL |
|          | 12191       | 6/3/99   | GW06348TE | 1,1,1,2-TETRACHLOROETHANE      | 25    | UG/L     | U       | 25   | 25    | 1           | TR2            | Perf Monitoring | REAL |
|          | 12191       | 6/3/99   | GW06348TE | 1,1,1-TRICHLOROETHANE          | 4     | UG/L     | JD      | 25   | 25    | 1           | TR2            | Perf Monitoring | REAL |
|          | 12191       | 6/3/99   | GW06348TE | 1,1,2,2-TETRACHLOROETHANE      | 25    | UG/L     | U       | 25   | 25    | 1           | TR2            | Perf Monitoring | REAL |
|          | 12191       | 6/3/99   | GW06348TE | 1,1,2-TRICHLOROETHANE          | 25    | UG/L     | U       | 25   | 25    | 1           | TR2            | Perf Monitoring | REAL |
|          | 12191       | 6/3/99   | GW06348TE | 1,1-DICHLOROETHANE             | 25    | UG/L     | U       | 25   | 25    | 1           | TR2            | Perf Monitoring | REAL |

## Appendix A: Groundwater Analytical Data - VOCs

Second Quarter 1999

| Location | Sample Date | Sample #  | Analyte                        | Result | Units | Lab Qual | Det Lim | Dilu | Valid | Result Type | IMP Well Class  | QC Type |
|----------|-------------|-----------|--------------------------------|--------|-------|----------|---------|------|-------|-------------|-----------------|---------|
| 12191    | 6/3/99      | GW06348TE | 1,1-DICHLOROETHENE             | 4      | UG/L  | JD       | 25      | 25   | 1     | TR2         | Perf Monitoring | REAL    |
| 12191    | 6/3/99      | GW06348TE | 1,1-DICHLOROPROPENE            | 25     | UG/L  | U        | 25      | 25   | 1     | TR2         | Perf Monitoring | REAL    |
| 12191    | 6/3/99      | GW06348TE | 1,2,3-TRICHLOROBENZENE         | 25     | UG/L  | U        | 25      | 25   | 1     | TR2         | Perf Monitoring | REAL    |
| 12191    | 6/3/99      | GW06348TE | 1,2,3-TRICHLOROPROPANE         | 25     | UG/L  | U        | 25      | 25   | 1     | TR2         | Perf Monitoring | REAL    |
| 12191    | 6/3/99      | GW06348TE | 1,2,4-TRICHLOROBENZENE         | 25     | UG/L  | U        | 25      | 25   | 1     | TR2         | Perf Monitoring | REAL    |
| 12191    | 6/3/99      | GW06348TE | 1,2-DIBROMOETHANE              | 25     | UG/L  | U        | 25      | 25   | 1     | TR2         | Perf Monitoring | REAL    |
| 12191    | 6/3/99      | GW06348TE | 1,2-DICHLOROBENZENE            | 25     | UG/L  | U        | 25      | 25   | 1     | TR2         | Perf Monitoring | REAL    |
| 12191    | 6/3/99      | GW06348TE | 1,2-DICHLOROETHANE             | 25     | UG/L  | U        | 25      | 25   | 1     | TR2         | Perf Monitoring | REAL    |
| 12191    | 6/3/99      | GW06348TE | 1,2-DICHLOROPROPANE            | 25     | UG/L  | U        | 25      | 25   | 1     | TR2         | Perf Monitoring | REAL    |
| 12191    | 6/3/99      | GW06348TE | 1,3-DICHLOROBENZENE            | 25     | UG/L  | U        | 25      | 25   | 1     | TR2         | Perf Monitoring | REAL    |
| 12191    | 6/3/99      | GW06348TE | 1,3-DICHLOROPROPANE            | 25     | UG/L  | U        | 25      | 25   | 1     | TR2         | Perf Monitoring | REAL    |
| 12191    | 6/3/99      | GW06348TE | 1,4-DICHLOROBENZENE            | 25     | UG/L  | U        | 25      | 25   | 1     | TR2         | Perf Monitoring | REAL    |
| 12191    | 6/3/99      | GW06348TE | 2,2-DICHLOROPROPANE            | 25     | UG/L  | U        | 25      | 25   | 1     | TR2         | Perf Monitoring | REAL    |
| 12191    | 6/3/99      | GW06348TE | 4-ISOPROPYLtolUENE             | 25     | UG/L  | U        | 25      | 25   | 1     | TR2         | Perf Monitoring | REAL    |
| 12191    | 6/3/99      | GW06348TE | BENZENE                        | 25     | UG/L  | U        | 25      | 25   | 1     | TR2         | Perf Monitoring | REAL    |
| 12191    | 6/3/99      | GW06348TE | BENZENE, 1,2,4-TRIMETHYL-      | 25     | UG/L  | U        | 25      | 25   | 1     | TR2         | Perf Monitoring | REAL    |
| 12191    | 6/3/99      | GW06348TE | BROMOBENZENE                   | 25     | UG/L  | U        | 25      | 25   | 1     | TR2         | Perf Monitoring | REAL    |
| 12191    | 6/3/99      | GW06348TE | BROMOCHLOROMETHANE             | 25     | UG/L  | U        | 25      | 25   | 1     | TR2         | Perf Monitoring | REAL    |
| 12191    | 6/3/99      | GW06348TE | BROMODICHLOROMETHANE           | 25     | UG/L  | U        | 25      | 25   | 1     | TR2         | Perf Monitoring | REAL    |
| 12191    | 6/3/99      | GW06348TE | BROMOFORM                      | 25     | UG/L  | U        | 25      | 25   | 1     | TR2         | Perf Monitoring | REAL    |
| 12191    | 6/3/99      | GW06348TE | BROMOMETHANE                   | 25     | UG/L  | U        | 25      | 25   | 1     | TR2         | Perf Monitoring | REAL    |
| 12191    | 6/3/99      | GW06348TE | CARBON TETRACHLORIDE           | 300    | UG/L  | D        | 25      | 25   | V1    | TR2         | Perf Monitoring | REAL    |
| 12191    | 6/3/99      | GW06348TE | CHLOROBENZENE                  | 25     | UG/L  | U        | 25      | 25   | 1     | TR2         | Perf Monitoring | REAL    |
| 12191    | 6/3/99      | GW06348TE | CHLOROETHANE                   | 25     | UG/L  | U        | 25      | 25   | 1     | TR2         | Perf Monitoring | REAL    |
| 12191    | 6/3/99      | GW06348TE | CHLOROFORM                     | 12     | UG/L  | JD       | 25      | 25   | 1     | TR2         | Perf Monitoring | REAL    |
| 12191    | 6/3/99      | GW06348TE | CHLOROMETHANE                  | 25     | UG/L  | U        | 25      | 25   | 1     | TR2         | Perf Monitoring | REAL    |
| 12191    | 6/3/99      | GW06348TE | cis-1,2-DICHLOROETHENE         | 11     | UG/L  | JD       | 25      | 25   | 1     | TR2         | Perf Monitoring | REAL    |
| 12191    | 6/3/99      | GW06348TE | cis-1,3-DICHLOROPROPENE        | 25     | UG/L  | U        | 25      | 25   | 1     | TR2         | Perf Monitoring | REAL    |
| 12191    | 6/3/99      | GW06348TE | DIBROMOCHLOROMETHANE           | 25     | UG/L  | U        | 25      | 25   | 1     | TR2         | Perf Monitoring | REAL    |
| 12191    | 6/3/99      | GW06348TE | DIBROMOMETHANE                 | 25     | UG/L  | U        | 25      | 25   | 1     | TR2         | Perf Monitoring | REAL    |
| 12191    | 6/3/99      | GW06348TE | DICHLORODIFLUOROMETHANE        | 25     | UG/L  | U        | 25      | 25   | 1     | TR2         | Perf Monitoring | REAL    |
| 12191    | 6/3/99      | GW06348TE | ETHYLBENZENE                   | 25     | UG/L  | U        | 25      | 25   | 1     | TR2         | Perf Monitoring | REAL    |
| 12191    | 6/3/99      | GW06348TE | HEXACHLOROBUTADIENE            | 25     | UG/L  | U        | 25      | 25   | 1     | TR2         | Perf Monitoring | REAL    |
| 12191    | 6/3/99      | GW06348TE | ISOPROPYLBENZENE               | 25     | UG/L  | U        | 25      | 25   | 1     | TR2         | Perf Monitoring | REAL    |
| 12191    | 6/3/99      | GW06348TE | METHYLENE CHLORIDE             | 55     | UG/L  | BD       | 25      | 25   | 1     | TR2         | Perf Monitoring | REAL    |
| 12191    | 6/3/99      | GW06348TE | NAPHTHALENE                    | 25     | UG/L  | U        | 25      | 25   | 1     | TR2         | Perf Monitoring | REAL    |
| 12191    | 6/3/99      | GW06348TE | n-BUTYLBENZENE                 | 25     | UG/L  | U        | 25      | 25   | 1     | TR2         | Perf Monitoring | REAL    |
| 12191    | 6/3/99      | GW06348TE | n-PROPYLBENZENE                | 25     | UG/L  | U        | 25      | 25   | 1     | TR2         | Perf Monitoring | REAL    |
| 12191    | 6/3/99      | GW06348TE | o-CHLOROTOLUENE                | 25     | UG/L  | U        | 25      | 25   | 1     | TR2         | Perf Monitoring | REAL    |
| 12191    | 6/3/99      | GW06348TE | p-CHLOROTOLUENE                | 25     | UG/L  | U        | 25      | 25   | 1     | TR2         | Perf Monitoring | REAL    |
| 12191    | 6/3/99      | GW06348TE | PROPANE, 1,2-DIBROMO-3-CHLORO- | 25     | UG/L  | U        | 25      | 25   | 1     | TR2         | Perf Monitoring | REAL    |
| 12191    | 6/3/99      | GW06348TE | sec-BUTYLBENZENE               | 25     | UG/L  | U        | 25      | 25   | 1     | TR2         | Perf Monitoring | REAL    |
| 12191    | 6/3/99      | GW06348TE | STYRENE                        | 25     | UG/L  | U        | 25      | 25   | 1     | TR2         | Perf Monitoring | REAL    |
| 12191    | 6/3/99      | GW06348TE | tert-BUTYLBENZENE              | 25     | UG/L  | U        | 25      | 25   | 1     | TR2         | Perf Monitoring | REAL    |
| 12191    | 6/3/99      | GW06348TE | TETRACHLOROETHENE              | 290    | UG/L  | D        | 25      | 25   | V1    | TR2         | Perf Monitoring | REAL    |
| 12191    | 6/3/99      | GW06348TE | TOLUENE                        | 25     | UG/L  | U        | 25      | 25   | 1     | TR2         | Perf Monitoring | REAL    |
| 12191    | 6/3/99      | GW06348TE | TOTAL XYLEMES                  | 25     | UG/L  | U        | 25      | 25   | 1     | TR2         | Perf Monitoring | REAL    |
| 12191    | 6/3/99      | GW06348TE | trans-1,2-DICHLOROETHENE       | 25     | UG/L  | U        | 25      | 25   | 1     | TR2         | Perf Monitoring | REAL    |
| 12191    | 6/3/99      | GW06348TE | trans-1,3-DICHLOROPROPENE      | 25     | UG/L  | U        | 25      | 25   | 1     | TR2         | Perf Monitoring | REAL    |
| 12191    | 6/3/99      | GW06348TE | TRICHLOROETHENE                | 32     | UG/L  | D        | 25      | 25   | 1     | TR2         | Perf Monitoring | REAL    |
| 12191    | 6/3/99      | GW06348TE | TRICHLOROFLUOROMETHANE         | 15     | UG/L  | BJD      | 25      | 25   | 1     | TR2         | Perf Monitoring | REAL    |
| 12191    | 6/3/99      | GW06348TE | VINYL CHLORIDE                 | 25     | UG/L  | U        | 25      | 25   | 1     | TR2         | Perf Monitoring | REAL    |
| 1386     | 5/18/99     | GW06332TE | 1,1,1,2-TETRACHLOROETHANE      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 1386     | 5/18/99     | GW06332TE | 1,1,1-TRICHLOROETHANE          | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 1386     | 5/18/99     | GW06332TE | 1,1,2,2-TETRACHLOROETHANE      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 1386     | 5/18/99     | GW06332TE | 1,1,2-TRICHLOROETHANE          | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 1386     | 5/18/99     | GW06332TE | 1,1-DICHLOROETHANE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 1386     | 5/18/99     | GW06332TE | 1,1-DICHLOROPROPENE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 1386     | 5/18/99     | GW06332TE | 1,2,3-TRICHLOROBENZENE         | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent    | REAL    |
| 1386     | 5/18/99     | GW06332TE | 1,2,3-TRICHLOROPROPANE         | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 1386     | 5/18/99     | GW06332TE | 1,2,4-TRICHLOROBENZENE         | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent    | REAL    |
| 1386     | 5/18/99     | GW06332TE | 1,2-DIBROMOETHANE              | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |

## Appendix A: Groundwater Analytical Data - VOCs

Second Quarter 1999

| Location | Sample Date | Sample #  | Analyte                        | Result | Units | Lab Qual | Det Lim | Dilu | Valid | Result Type | IMP Well Class  | QC Type |
|----------|-------------|-----------|--------------------------------|--------|-------|----------|---------|------|-------|-------------|-----------------|---------|
| 1386     | 5/18/99     | GW06332TE | 1,2-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent    | REAL    |
| 1386     | 5/18/99     | GW06332TE | 1,2-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 1386     | 5/18/99     | GW06332TE | 1,3-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent    | REAL    |
| 1386     | 5/18/99     | GW06332TE | 1,3-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 1386     | 5/18/99     | GW06332TE | 1,4-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent    | REAL    |
| 1386     | 5/18/99     | GW06332TE | 2,2-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 1386     | 5/18/99     | GW06332TE | 4-ISOPROPYLtoluene             | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent    | REAL    |
| 1386     | 5/18/99     | GW06332TE | BENZENE                        | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent    | REAL    |
| 1386     | 5/18/99     | GW06332TE | BENZENE, 1,2,4-TRIMETHYL       | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent    | REAL    |
| 1386     | 5/18/99     | GW06332TE | BENZENE, 1,3,5-TRIMETHYL-      | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent    | REAL    |
| 1386     | 5/18/99     | GW06332TE | BROMOBENZENE                   | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent    | REAL    |
| 1386     | 5/18/99     | GW06332TE | BROMOCHLOROMETHANE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 1386     | 5/18/99     | GW06332TE | BROMODICHLOROMETHANE           | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 1386     | 5/18/99     | GW06332TE | BROMOFORM                      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 1386     | 5/18/99     | GW06332TE | BROMOMETHANE                   | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 1386     | 5/18/99     | GW06332TE | CARBON TETRACHLORIDE           | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 1386     | 5/18/99     | GW06332TE | CHLOROBENZENE                  | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent    | REAL    |
| 1386     | 5/18/99     | GW06332TE | CHLOROETHANE                   | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 1386     | 5/18/99     | GW06332TE | CHLOROFORM                     | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 1386     | 5/18/99     | GW06332TE | CHLOROMETHANE                  | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 1386     | 5/18/99     | GW06332TE | cis-1,2-DICHLOROETHENE         | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 1386     | 5/18/99     | GW06332TE | cis-1,3-DICHLOROPROPENE        | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 1386     | 5/18/99     | GW06332TE | DIBROMOCHLOROMETHANE           | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 1386     | 5/18/99     | GW06332TE | DIBROMOMETHANE                 | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 1386     | 5/18/99     | GW06332TE | DICHLORODIFLUOROMETHANE        | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 1386     | 5/18/99     | GW06332TE | ETHYLBENZENE                   | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent    | REAL    |
| 1386     | 5/18/99     | GW06332TE | HEXACHLOROBUTADIENE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 1386     | 5/18/99     | GW06332TE | ISOPROPYLBENZENE               | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent    | REAL    |
| 1386     | 5/18/99     | GW06332TE | METHYLENE CHLORIDE             | 2      | UG/L  | B        | 1       | 1    | UJ1   | TR1         | Plume Extent    | REAL    |
| 1386     | 5/18/99     | GW06332TE | NAPHTHALENE                    | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent    | REAL    |
| 1386     | 5/18/99     | GW06332TE | n-BUTYLBENZENE                 | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent    | REAL    |
| 1386     | 5/18/99     | GW06332TE | n-PROPYLBENZENE                | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent    | REAL    |
| 1386     | 5/18/99     | GW06332TE | o-CHLOROTOLUENE                | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent    | REAL    |
| 1386     | 5/18/99     | GW06332TE | p-CHLOROTOLUENE                | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent    | REAL    |
| 1386     | 5/18/99     | GW06332TE | PROPANE, 1,2-DIBROMO-3-CHLORO- | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 1386     | 5/18/99     | GW06332TE | sec-BUTYLBENZENE               | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent    | REAL    |
| 1386     | 5/18/99     | GW06332TE | STYRENE                        | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent    | REAL    |
| 1386     | 5/18/99     | GW06332TE | tert-BUTYLBENZENE              | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent    | REAL    |
| 1386     | 5/18/99     | GW06332TE | TETRACHLOROETHENE              | 0.9    | UG/L  | J        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 1386     | 5/18/99     | GW06332TE | TOLUENE                        | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent    | REAL    |
| 1386     | 5/18/99     | GW06332TE | TOTAL XYLEMES                  | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent    | REAL    |
| 1386     | 5/18/99     | GW06332TE | trans-1,2-DICHLOROETHENE       | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 1386     | 5/18/99     | GW06332TE | trans-1,3-DICHLOROPROPENE      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 1386     | 5/18/99     | GW06332TE | TRICHLOROETHENE                | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 1386     | 5/18/99     | GW06332TE | TRICHLOROFUOROMETHANE          | 0.2    | UG/L  | J        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 1386     | 5/18/99     | GW06332TE | VINYL CHLORIDE                 | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 15699    | 4/13/99     | GW06406TE | 1,1,1,2-TETRACHLOROETHANE      | 50     | UG/L  | U        | 50      | 50   | V1    | TR1         | Perf Monitoring | REAL    |
| 15699    | 4/13/99     | GW06406TE | 1,1,1-TRICHLOROETHANE          | 28     | UG/L  |          | 50      | 50   | V1    | TR1         | Perf Monitoring | REAL    |
| 15699    | 4/13/99     | GW06406TE | 1,1,2,2-TETRACHLOROETHANE      | 50     | UG/L  | U        | 50      | 50   | V1    | TR1         | Perf Monitoring | REAL    |
| 15699    | 4/13/99     | GW06406TE | 1,1,2-TRICHLOROETHANE          | 50     | UG/L  | U        | 50      | 50   | V1    | TR1         | Perf Monitoring | REAL    |
| 15699    | 4/13/99     | GW06406TE | 1,1-DICHLOROETHANE             | 21     | UG/L  | J        | 50      | 50   | V1    | TR1         | Perf Monitoring | REAL    |
| 15699    | 4/13/99     | GW06406TE | 1,1-DICHLOROETHENE             | 69     | UG/L  |          | 50      | 50   | V1    | TR1         | Perf Monitoring | REAL    |
| 15699    | 4/13/99     | GW06406TE | 1,1-DICHLOROPROPENE            | 50     | UG/L  | U        | 50      | 50   | V1    | TR1         | Perf Monitoring | REAL    |
| 15699    | 4/13/99     | GW06406TE | 1,2,3-TRICHLOROBENZENE         | 50     | UG/L  | U        | 50      | 50   | V1    | TR1         | Perf Monitoring | REAL    |
| 15699    | 4/13/99     | GW06406TE | 1,2,3-TRICHLOROPROPANE         | 50     | UG/L  | U        | 50      | 50   | V1    | TR1         | Perf Monitoring | REAL    |
| 15699    | 4/13/99     | GW06406TE | 1,2,4-TRICHLOROBENZENE         | 50     | UG/L  | U        | 50      | 50   | V1    | TR1         | Perf Monitoring | REAL    |
| 15699    | 4/13/99     | GW06406TE | 1,2-DIBROMOETHANE              | 50     | UG/L  | U        | 50      | 50   | V1    | TR1         | Perf Monitoring | REAL    |
| 15699    | 4/13/99     | GW06406TE | 1,2-DICHLOROBENZENE            | 50     | UG/L  | U        | 50      | 50   | V1    | TR1         | Perf Monitoring | REAL    |
| 15699    | 4/13/99     | GW06406TE | 1,2-DICHLOROETHANE             | 10     | UG/L  | J        | 50      | 50   | V1    | TR1         | Perf Monitoring | REAL    |
| 15699    | 4/13/99     | GW06406TE | 1,2-DICHLOROPROPANE            | 50     | UG/L  | U        | 50      | 50   | V1    | TR1         | Perf Monitoring | REAL    |
| 15699    | 4/13/99     | GW06406TE | 1,3-DICHLOROBENZENE            | 50     | UG/L  | U        | 50      | 50   | V1    | TR1         | Perf Monitoring | REAL    |
| 15699    | 4/13/99     | GW06406TE | 1,3-DICHLOROPROPANE            | 50     | UG/L  | U        | 50      | 50   | V1    | TR1         | Perf Monitoring | REAL    |
| 15699    | 4/13/99     | GW06406TE | 1,4-DICHLOROBENZENE            | 50     | UG/L  | U        | 50      | 50   | V1    | TR1         | Perf Monitoring | REAL    |
| 15699    | 4/13/99     | GW06406TE | 2,2-DICHLOROPROPANE            | 50     | UG/L  | U        | 50      | 50   | V1    | TR1         | Perf Monitoring | REAL    |

## Appendix A: Groundwater Analytical Data - VOCs

Second Quarter 1999

| Location | Sample Date | Sample #  | Analyte                        | Result | Units | Lab Qual | Det Lim | Dilu | Valid | Result Type | IMP Well Class  | QC Type |
|----------|-------------|-----------|--------------------------------|--------|-------|----------|---------|------|-------|-------------|-----------------|---------|
| 15699    | 4/13/99     | GW06406TE | 4-ISOPROPYLtolUENE             | 50     | UG/L  | U        | 50      | 50   | V1    | TR1         | Perf Monitoring | REAL    |
| 15699    | 4/13/99     | GW06406TE | BENZENE                        | 50     | UG/L  | U        | 50      | 50   | V1    | TR1         | Perf Monitoring | REAL    |
| 15699    | 4/13/99     | GW06406TE | BENZENE, 1,2,4-TRIMETHYL       | 50     | UG/L  | U        | 50      | 50   | V1    | TR1         | Perf Monitoring | REAL    |
| 15699    | 4/13/99     | GW06406TE | BENZENE, 1,3,5-TRIMETHYL-      | 50     | UG/L  | U        | 50      | 50   | V1    | TR1         | Perf Monitoring | REAL    |
| 15699    | 4/13/99     | GW06406TE | BROMOBENZENE                   | 50     | UG/L  | U        | 50      | 50   | V1    | TR1         | Perf Monitoring | REAL    |
| 15699    | 4/13/99     | GW06406TE | BROMOCHLOROMETHANE             | 50     | UG/L  | U        | 50      | 50   | V1    | TR1         | Perf Monitoring | REAL    |
| 15699    | 4/13/99     | GW06406TE | BROMODICHLOROMETHANE           | 50     | UG/L  | U        | 50      | 50   | V1    | TR1         | Perf Monitoring | REAL    |
| 15699    | 4/13/99     | GW06406TE | BROMOFORM                      | 50     | UG/L  | U        | 50      | 50   | V1    | TR1         | Perf Monitoring | REAL    |
| 15699    | 4/13/99     | GW06406TE | BROMOMETHANE                   | 50     | UG/L  | U        | 50      | 50   | V1    | TR1         | Perf Monitoring | REAL    |
| 15699    | 4/13/99     | GW06406TE | CARBON TETRACHLORIDE           | 50     | UG/L  | U        | 50      | 50   | V1    | TR1         | Perf Monitoring | REAL    |
| 15699    | 4/13/99     | GW06406TE | CHLOROBENZENE                  | 50     | UG/L  | U        | 50      | 50   | V1    | TR1         | Perf Monitoring | REAL    |
| 15699    | 4/13/99     | GW06406TE | CHLOROETHANE                   | 50     | UG/L  | U        | 50      | 50   | V1    | TR1         | Perf Monitoring | REAL    |
| 15699    | 4/13/99     | GW06406TE | CHLOROFORM                     | 19     | UG/L  | J        | 50      | 50   | V1    | TR1         | Perf Monitoring | REAL    |
| 15699    | 4/13/99     | GW06406TE | CHLOROMETHANE                  | 50     | UG/L  | U        | 50      | 50   | V1    | TR1         | Perf Monitoring | REAL    |
| 15699    | 4/13/99     | GW06406TE | cis-1,2-DICHLOROETHENE         | 180    | UG/L  |          | 50      | 50   | V1    | TR1         | Perf Monitoring | REAL    |
| 15699    | 4/13/99     | GW06406TE | cis-1,3-DICHLOROPROPENE        | 50     | UG/L  | U        | 50      | 50   | V1    | TR1         | Perf Monitoring | REAL    |
| 15699    | 4/13/99     | GW06406TE | DIBROMOCHLOROMETHANE           | 50     | UG/L  | U        | 50      | 50   | V1    | TR1         | Perf Monitoring | REAL    |
| 15699    | 4/13/99     | GW06406TE | DIBROMOMETHANE                 | 50     | UG/L  | U        | 50      | 50   | V1    | TR1         | Perf Monitoring | REAL    |
| 15699    | 4/13/99     | GW06406TE | DICHLORODIFLUOROMETHANE        | 50     | UG/L  | U        | 50      | 50   | V1    | TR1         | Perf Monitoring | REAL    |
| 15699    | 4/13/99     | GW06406TE | ETHYLBENZENE                   | 50     | UG/L  | U        | 50      | 50   | V1    | TR1         | Perf Monitoring | REAL    |
| 15699    | 4/13/99     | GW06406TE | HEXACHLOROBUTADIENE            | 50     | UG/L  | U        | 50      | 50   | V1    | TR1         | Perf Monitoring | REAL    |
| 15699    | 4/13/99     | GW06406TE | ISOPROPYLBENZENE               | 50     | UG/L  | U        | 50      | 50   | V1    | TR1         | Perf Monitoring | REAL    |
| 15699    | 4/13/99     | GW06406TE | METHYLENE CHLORIDE             | 16     | UG/L  | JB       | 50      | 50   | V1    | TR1         | Perf Monitoring | REAL    |
| 15699    | 4/13/99     | GW06406TE | NAPHTHALENE                    | 50     | UG/L  | U        | 50      | 50   | V1    | TR1         | Perf Monitoring | REAL    |
| 15699    | 4/13/99     | GW06406TE | n-BUTYLBENZENE                 | 50     | UG/L  | U        | 50      | 50   | V1    | TR1         | Perf Monitoring | REAL    |
| 15699    | 4/13/99     | GW06406TE | n-PROPYLBENZENE                | 50     | UG/L  | U        | 50      | 50   | V1    | TR1         | Perf Monitoring | REAL    |
| 15699    | 4/13/99     | GW06406TE | o-CHLOROTOLUENE                | 50     | UG/L  | U        | 50      | 50   | V1    | TR1         | Perf Monitoring | REAL    |
| 15699    | 4/13/99     | GW06406TE | p-CHLOROTOLUENE                | 50     | UG/L  | U        | 50      | 50   | V1    | TR1         | Perf Monitoring | REAL    |
| 15699    | 4/13/99     | GW06406TE | PROPANE, 1,2-DIBROMO-3-CHLORO- | 50     | UG/L  | U        | 50      | 50   | V1    | TR1         | Perf Monitoring | REAL    |
| 15699    | 4/13/99     | GW06406TE | sec-BUTYLBENZENE               | 50     | UG/L  | U        | 50      | 50   | V1    | TR1         | Perf Monitoring | REAL    |
| 15699    | 4/13/99     | GW06406TE | STYRENE                        | 50     | UG/L  | U        | 50      | 50   | V1    | TR1         | Perf Monitoring | REAL    |
| 15699    | 4/13/99     | GW06406TE | tert-BUTYLBENZENE              | 50     | UG/L  | U        | 50      | 50   | V1    | TR1         | Perf Monitoring | REAL    |
| 15699    | 4/13/99     | GW06406TE | TETRACHLOROETHENE              | 900    | UG/L  |          | 50      | 50   | V1    | TR1         | Perf Monitoring | REAL    |
| 15699    | 4/13/99     | GW06406TE | TOLUENE                        | 50     | UG/L  | U        | 50      | 50   | V1    | TR1         | Perf Monitoring | REAL    |
| 15699    | 4/13/99     | GW06406TE | TOTAL XYLEMES                  | 50     | UG/L  | U        | 50      | 50   | V1    | TR1         | Perf Monitoring | REAL    |
| 15699    | 4/13/99     | GW06406TE | trans-1,2-DICHLOROETHENE       | 50     | UG/L  | U        | 50      | 50   | V1    | TR1         | Perf Monitoring | REAL    |
| 15699    | 4/13/99     | GW06406TE | trans-1,3-DICHLOROPROPENE      | 50     | UG/L  | U        | 50      | 50   | V1    | TR1         | Perf Monitoring | REAL    |
| 15699    | 4/13/99     | GW06406TE | TRICHLOROETHENE                | 1400   | UG/L  | D        | 100     | 100  | J1    | TR2         | Perf Monitoring | REAL    |
| 15699    | 4/13/99     | GW06406TE | TRICHLOROFLUOROMETHANE         | 50     | UG/L  | U        | 50      | 50   | V1    | TR1         | Perf Monitoring | REAL    |
| 15699    | 4/13/99     | GW06406TE | VINYL CHLORIDE                 | 50     | UG/L  | U        | 50      | 50   | V1    | TR1         | Perf Monitoring | REAL    |
| 1786     | 5/11/99     | GW06333TE | 1,1,1,2-TETRACHLOROETHANE      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 1786     | 5/11/99     | GW06333TE | 1,1,1-TRICHLOROETHANE          | 0.1    | UG/L  | J        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 1786     | 5/11/99     | GW06333TE | 1,1,2,2-TETRACHLOROETHANE      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 1786     | 5/11/99     | GW06333TE | 1,1,2-TRICHLOROETHANE          | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 1786     | 5/11/99     | GW06333TE | 1,1-DICHLOROETHANE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 1786     | 5/11/99     | GW06333TE | 1,1-DICHLOROETHENE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 1786     | 5/11/99     | GW06333TE | 1,1-DICHLOROPROPENE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 1786     | 5/11/99     | GW06333TE | 1,2,3-TRICHLOROBENZENE         | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 1786     | 5/11/99     | GW06333TE | 1,2,3-TRICHLOROPROPANE         | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 1786     | 5/11/99     | GW06333TE | 1,2,4-TRICHLOROBENZENE         | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 1786     | 5/11/99     | GW06333TE | 1,2-DIBROMOETHANE              | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 1786     | 5/11/99     | GW06333TE | 1,2-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 1786     | 5/11/99     | GW06333TE | 1,2-DICHLOROETHANE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 1786     | 5/11/99     | GW06333TE | 1,2-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 1786     | 5/11/99     | GW06333TE | 1,3-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 1786     | 5/11/99     | GW06333TE | 1,3-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 1786     | 5/11/99     | GW06333TE | 1,4-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 1786     | 5/11/99     | GW06333TE | 2,2-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 1786     | 5/11/99     | GW06333TE | 4-ISOPROPYLtolUENE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 1786     | 5/11/99     | GW06333TE | BENZENE                        | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 1786     | 5/11/99     | GW06333TE | BENZENE, 1,2,4-TRIMETHYL       | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 1786     | 5/11/99     | GW06333TE | BENZENE, 1,3,5-TRIMETHYL-      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 1786     | 5/11/99     | GW06333TE | BROMOBENZENE                   | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
| 1786     | 5/11/99     | GW06333TE | BROMOCHLOROMETHANE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |

## Appendix A: Groundwater Analytical Data - VOCs

Second Quarter 1999

| Location | Sample Date | Sample #  | Analyte                        | Result | Units | Lab Qual | Det Lim | Dilu | Valid | Result Type | IMP Well Class | QC Type |
|----------|-------------|-----------|--------------------------------|--------|-------|----------|---------|------|-------|-------------|----------------|---------|
| 1786     | 5/11/99     | GW06333TE | BROMODICHLOROMETHANE           | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 1786     | 5/11/99     | GW06333TE | BROMOFORM                      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 1786     | 5/11/99     | GW06333TE | BROMOMETHANE                   | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 1786     | 5/11/99     | GW06333TE | CARBON TETRACHLORIDE           | 0.1    | UG/L  | J        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 1786     | 5/11/99     | GW06333TE | CHLOROBENZENE                  | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 1786     | 5/11/99     | GW06333TE | CHLOROETHANE                   | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 1786     | 5/11/99     | GW06333TE | CHLOROFORM                     | 0.1    | UG/L  | J        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 1786     | 5/11/99     | GW06333TE | CHLOROMETHANE                  | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 1786     | 5/11/99     | GW06333TE | cis-1,2-DICHLOROETHENE         | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 1786     | 5/11/99     | GW06333TE | cis-1,3-DICHLOROPROPENE        | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 1786     | 5/11/99     | GW06333TE | DIBROMOCHLOROMETHANE           | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 1786     | 5/11/99     | GW06333TE | DIBROMOMETHANE                 | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 1786     | 5/11/99     | GW06333TE | DICHLORODIFLUOROMETHANE        | 1      | UG/L  | U        | 1       | 1    | J1    | TR1         | Plume Extent   | REAL    |
| 1786     | 5/11/99     | GW06333TE | ETHYLBENZENE                   | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 1786     | 5/11/99     | GW06333TE | HEXACHLOROBUTADIENE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 1786     | 5/11/99     | GW06333TE | ISOPROPYLBENZENE               | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 1786     | 5/11/99     | GW06333TE | METHYLENE CHLORIDE             | 1      | UG/L  | U        | 1       | 1    | J1    | TR1         | Plume Extent   | REAL    |
| 1786     | 5/11/99     | GW06333TE | NAPHTHALENE                    | 1      | UG/L  | U        | 1       | 1    | J1    | TR1         | Plume Extent   | REAL    |
| 1786     | 5/11/99     | GW06333TE | n-BUTYLBENZENE                 | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 1786     | 5/11/99     | GW06333TE | n-PROPYLBENZENE                | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 1786     | 5/11/99     | GW06333TE | o-CHLOROTOLUENE                | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 1786     | 5/11/99     | GW06333TE | p-CHLOROTOLUENE                | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 1786     | 5/11/99     | GW06333TE | PROPANE, 1,2-DIBROMO-3-CHLORO- | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 1786     | 5/11/99     | GW06333TE | sec-BUTYLBENZENE               | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 1786     | 5/11/99     | GW06333TE | STYRENE                        | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 1786     | 5/11/99     | GW06333TE | tert-BUTYLBENZENE              | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 1786     | 5/11/99     | GW06333TE | TETRACHLOROETHENE              | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 1786     | 5/11/99     | GW06333TE | TOLUENE                        | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 1786     | 5/11/99     | GW06333TE | TOTAL XYLEMES                  | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 1786     | 5/11/99     | GW06333TE | trans-1,2-DICHLOROETHENE       | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 1786     | 5/11/99     | GW06333TE | trans-1,3-DICHLOROPROPENE      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 1786     | 5/11/99     | GW06333TE | TRICHLOROETHENE                | 0.3    | UG/L  | J        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 1786     | 5/11/99     | GW06333TE | TRICHLOROFUOROMETHANE          | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 1786     | 5/11/99     | GW06333TE | VINYL CHLORIDE                 | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 1986     | 6/7/99      | GW06334TE | 1,1,1,2-TETRACHLOROETHANE      | 1      | UG/L  | U        | 1       | 1    | UJ    | TR1         | Plume Extent   | REAL    |
| 1986     | 6/7/99      | GW06334TE | 1,1,1-TRICHLOROETHANE          | 1      | UG/L  | U        | 1       | 1    | UJ    | TR1         | Plume Extent   | REAL    |
| 1986     | 6/7/99      | GW06334TE | 1,1,2,2-TETRACHLOROETHANE      | 1      | UG/L  | U        | 1       | 1    | UJ    | TR1         | Plume Extent   | REAL    |
| 1986     | 6/7/99      | GW06334TE | 1,1,2-TRICHLOROETHANE          | 1      | UG/L  | U        | 1       | 1    | UJ    | TR1         | Plume Extent   | REAL    |
| 1986     | 6/7/99      | GW06334TE | 1,1-DICHLOROETHANE             | 0.2    | UG/L  | J        | 1       | 1    | J     | TR1         | Plume Extent   | REAL    |
| 1986     | 6/7/99      | GW06334TE | 1,1-DICHLOROETHENE             | 1      | UG/L  | U        | 1       | 1    | UJ    | TR1         | Plume Extent   | REAL    |
| 1986     | 6/7/99      | GW06334TE | 1,1-DICHLOROPROPENE            | 1      | UG/L  | U        | 1       | 1    | UJ    | TR1         | Plume Extent   | REAL    |
| 1986     | 6/7/99      | GW06334TE | 1,2,3-TRICHLOROBENZENE         | 1      | UG/L  | U        | 1       | 1    | UJ    | TR1         | Plume Extent   | REAL    |
| 1986     | 6/7/99      | GW06334TE | 1,2,3-TRICHLOROPROPANE         | 1      | UG/L  | U        | 1       | 1    | UJ    | TR1         | Plume Extent   | REAL    |
| 1986     | 6/7/99      | GW06334TE | 1,2,4-TRICHLOROBENZENE         | 1      | UG/L  | U        | 1       | 1    | UJ    | TR1         | Plume Extent   | REAL    |
| 1986     | 6/7/99      | GW06334TE | 1,2-DIBROMOETHANE              | 1      | UG/L  | U        | 1       | 1    | UJ    | TR1         | Plume Extent   | REAL    |
| 1986     | 6/7/99      | GW06334TE | 1,2-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | UJ    | TR1         | Plume Extent   | REAL    |
| 1986     | 6/7/99      | GW06334TE | 1,2-DICHLOROETHANE             | 1      | UG/L  | U        | 1       | 1    | UJ    | TR1         | Plume Extent   | REAL    |
| 1986     | 6/7/99      | GW06334TE | 1,2-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | UJ    | TR1         | Plume Extent   | REAL    |
| 1986     | 6/7/99      | GW06334TE | 1,3-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | UJ    | TR1         | Plume Extent   | REAL    |
| 1986     | 6/7/99      | GW06334TE | 1,3-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | UJ    | TR1         | Plume Extent   | REAL    |
| 1986     | 6/7/99      | GW06334TE | 1,4-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | UJ    | TR1         | Plume Extent   | REAL    |
| 1986     | 6/7/99      | GW06334TE | 2,2-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | UJ    | TR1         | Plume Extent   | REAL    |
| 1986     | 6/7/99      | GW06334TE | 4-ISOPROPYLtoluene             | 1      | UG/L  | U        | 1       | 1    | UJ    | TR1         | Plume Extent   | REAL    |
| 1986     | 6/7/99      | GW06334TE | BENZENE                        | 3      | UG/L  |          | 1       | 1    | J     | TR1         | Plume Extent   | REAL    |
| 1986     | 6/7/99      | GW06334TE | BENZENE, 1,2,4-TRIMETHYL       | 1      | UG/L  | U        | 1       | 1    | UJ    | TR1         | Plume Extent   | REAL    |
| 1986     | 6/7/99      | GW06334TE | BENZENE, 1,3,5-TRIMETHYL-      | 1      | UG/L  | U        | 1       | 1    | UJ    | TR1         | Plume Extent   | REAL    |
| 1986     | 6/7/99      | GW06334TE | BROMOBENZENE                   | 1      | UG/L  | U        | 1       | 1    | UJ    | TR1         | Plume Extent   | REAL    |
| 1986     | 6/7/99      | GW06334TE | BROMOCHLOROMETHANE             | 1      | UG/L  | U        | 1       | 1    | UJ    | TR1         | Plume Extent   | REAL    |
| 1986     | 6/7/99      | GW06334TE | BROMODICHLOROMETHANE           | 1      | UG/L  | U        | 1       | 1    | UJ    | TR1         | Plume Extent   | REAL    |
| 1986     | 6/7/99      | GW06334TE | BROMOFORM                      | 1      | UG/L  | U        | 1       | 1    | UJ    | TR1         | Plume Extent   | REAL    |
| 1986     | 6/7/99      | GW06334TE | BROMOMETHANE                   | 1      | UG/L  | U        | 1       | 1    | UJ    | TR1         | Plume Extent   | REAL    |
| 1986     | 6/7/99      | GW06334TE | CARBON TETRACHLORIDE           | 1      | UG/L  | U        | 1       | 1    | UJ    | TR1         | Plume Extent   | REAL    |
| 1986     | 6/7/99      | GW06334TE | CHLOROBENZENE                  | 1      | UG/L  | U        | 1       | 1    | UJ    | TR1         | Plume Extent   | REAL    |
| 1986     | 6/7/99      | GW06334TE | CHLOROETHANE                   | 1      | UG/L  | U        | 1       | 1    | UJ    | TR1         | Plume Extent   | REAL    |

## Appendix A: Groundwater Analytical Data - VOCs

Second Quarter 1999

| Location | Sample Date | Sample #  | Analyte                        | Result | Units | Lab Qual | Det Lim | Dilu | Valid | Result Type  | IMP Well Class | QC Type |
|----------|-------------|-----------|--------------------------------|--------|-------|----------|---------|------|-------|--------------|----------------|---------|
| 1986     | 6/7/99      | GW06334TE | CHLOROFORM                     | 1      | UG/L  | U        | 1       | 1    | UJ    | TR1          | Plume Extent   | REAL    |
| 1986     | 6/7/99      | GW06334TE | CHLORMETHANE                   | 1      | UG/L  | U        | 1       | 1    | UJ    | TR1          | Plume Extent   | REAL    |
| 1986     | 6/7/99      | GW06334TE | cis-1,2-DICHLOROETHENE         | 0.1    | UG/L  | J        | 1       | 1    | J     | TR1          | Plume Extent   | REAL    |
| 1986     | 6/7/99      | GW06334TE | cis-1,3-DICHLOROPROPENE        | 1      | UG/L  | U        | 1       | 1    | UJ    | TR1          | Plume Extent   | REAL    |
| 1986     | 6/7/99      | GW06334TE | DIBROMOCHLOROMETHANE           | 1      | UG/L  | U        | 1       | 1    | UJ    | TR1          | Plume Extent   | REAL    |
| 1986     | 6/7/99      | GW06334TE | DIBROMOMETHANE                 | 1      | UG/L  | U        | 1       | 1    | UJ    | TR1          | Plume Extent   | REAL    |
| 1986     | 6/7/99      | GW06334TE | DICHLORODIFLUOROMETHANE        | 1      | UG/L  | U        | 1       | 1    | UJ    | TR1          | Plume Extent   | REAL    |
| 1986     | 6/7/99      | GW06334TE | ETHYLBENZENE                   | 1      | UG/L  | U        | 1       | 1    | UJ    | TR1          | Plume Extent   | REAL    |
| 1986     | 6/7/99      | GW06334TE | HEXACHLOROBUTADIENE            | 1      | UG/L  | U        | 1       | 1    | UJ    | TR1          | Plume Extent   | REAL    |
| 1986     | 6/7/99      | GW06334TE | ISOPROPYLBENZENE               | 1      | UG/L  | U        | 1       | 1    | UJ    | TR1          | Plume Extent   | REAL    |
| 1986     | 6/7/99      | GW06334TE | METHYLENE CHLORIDE             | 0.6    | UG/L  | JB       | 1       | 1    | JB    | TR1          | Plume Extent   | REAL    |
| 1986     | 6/7/99      | GW06334TE | NAPHTHALENE                    | 1      | UG/L  | U        | 1       | 1    | UJ    | TR1          | Plume Extent   | REAL    |
| 1986     | 6/7/99      | GW06334TE | n-BUTYLBENZENE                 | 1      | UG/L  | U        | 1       | 1    | UJ    | TR1          | Plume Extent   | REAL    |
| 1986     | 6/7/99      | GW06334TE | n-PROPYLBENZENE                | 1      | UG/L  | U        | 1       | 1    | UJ    | TR1          | Plume Extent   | REAL    |
| 1986     | 6/7/99      | GW06334TE | o-CHLOROTOLUENE                | 1      | UG/L  | U        | 1       | 1    | UJ    | TR1          | Plume Extent   | REAL    |
| 1986     | 6/7/99      | GW06334TE | p-CHLOROTOLUENE                | 1      | UG/L  | U        | 1       | 1    | UJ    | TR1          | Plume Extent   | REAL    |
| 1986     | 6/7/99      | GW06334TE | PROPANE, 1,2-DIBROMO-3-CHLORO- | 1      | UG/L  | U        | 1       | 1    | UJ    | TR1          | Plume Extent   | REAL    |
| 1986     | 6/7/99      | GW06334TE | sec-BUTYLBENZENE               | 1      | UG/L  | U        | 1       | 1    | UJ    | TR1          | Plume Extent   | REAL    |
| 1986     | 6/7/99      | GW06334TE | STYRENE                        | 1      | UG/L  | U        | 1       | 1    | UJ    | TR1          | Plume Extent   | REAL    |
| 1986     | 6/7/99      | GW06334TE | tert-BUTYLBENZENE              | 1      | UG/L  | U        | 1       | 1    | UJ    | TR1          | Plume Extent   | REAL    |
| 1986     | 6/7/99      | GW06334TE | TETRACHLOROETHENE              | 1      | UG/L  | U        | 1       | 1    | UJ    | TR1          | Plume Extent   | REAL    |
| 1986     | 6/7/99      | GW06334TE | TOLUENE                        | 1      | UG/L  | U        | 1       | 1    | UJ    | TR1          | Plume Extent   | REAL    |
| 1986     | 6/7/99      | GW06334TE | TOTAL XYLEMES                  | 1      | UG/L  | U        | 1       | 1    | UJ    | TR1          | Plume Extent   | REAL    |
| 1986     | 6/7/99      | GW06334TE | trans-1,2-DICHLOROETHENE       | 1      | UG/L  | U        | 1       | 1    | UJ    | TR1          | Plume Extent   | REAL    |
| 1986     | 6/7/99      | GW06334TE | trans-1,3-DICHLOROPROPENE      | 1      | UG/L  | U        | 1       | 1    | UJ    | TR1          | Plume Extent   | REAL    |
| 1986     | 6/7/99      | GW06334TE | TRICHLOROETHENE                | 1      | UG/L  | U        | 1       | 1    | UJ    | TR1          | Plume Extent   | REAL    |
| 1986     | 6/7/99      | GW06334TE | TRICHLOROFUOROMETHANE          | 0.1    | UG/L  | JB       | 1       | 1    | JB    | TR1          | Plume Extent   | REAL    |
| 1986     | 6/7/99      | GW06334TE | VINYL CHLORIDE                 | 1      | UG/L  | U        | 1       | 1    | UJ    | TR1          | Plume Extent   | REAL    |
| 1986     | 6/7/99      | GW06334TE | 1,1,1,2-TETRACHLOROETHANE      | 1      | UG/L  | U        | 1       | 1    | UJ    | TR2          | Plume Extent   | REAL    |
| 1986     | 6/7/99      | GW06334TE | 1,1,1-TRICHLOROETHANE          | 1      | UG/L  | U        | 1       | 1    | UJ    | TR2          | Plume Extent   | REAL    |
| 1986     | 6/7/99      | GW06334TE | 1,1,2,2-TETRACHLOROETHANE      | 1      | UG/L  | U        | 1       | 1    | UJ    | TR2          | Plume Extent   | REAL    |
| 1986     | 6/7/99      | GW06334TE | 1,1,2-TRICHLOROETHANE          | 1      | UG/L  | U        | 1       | 1    | UJ    | TR2          | Plume Extent   | REAL    |
| 1986     | 6/7/99      | GW06334TE | 1,1-DICHLOROETHANE             | 0.2    | UG/L  | J        | 1       | 1    | TR2   | Plume Extent | REAL           |         |
| 1986     | 6/7/99      | GW06334TE | 1,1-DICHLOROETHENE             | 1      | UG/L  | U        | 1       | 1    | TR2   | Plume Extent | REAL           |         |
| 1986     | 6/7/99      | GW06334TE | 1,1-DICHLOROPROPENE            | 1      | UG/L  | U        | 1       | 1    | TR2   | Plume Extent | REAL           |         |
| 1986     | 6/7/99      | GW06334TE | 1,2,3-TRICHLOROBENZENE         | 1      | UG/L  | U        | 1       | 1    | TR2   | Plume Extent | REAL           |         |
| 1986     | 6/7/99      | GW06334TE | 1,2,3-TRICHLOROPROPANE         | 1      | UG/L  | U        | 1       | 1    | TR2   | Plume Extent | REAL           |         |
| 1986     | 6/7/99      | GW06334TE | 1,2,4-TRICHLOROBENZENE         | 1      | UG/L  | U        | 1       | 1    | TR2   | Plume Extent | REAL           |         |
| 1986     | 6/7/99      | GW06334TE | 1,2-DIBROMOETHANE              | 1      | UG/L  | U        | 1       | 1    | TR2   | Plume Extent | REAL           |         |
| 1986     | 6/7/99      | GW06334TE | 1,2-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | TR2   | Plume Extent | REAL           |         |
| 1986     | 6/7/99      | GW06334TE | 1,2-DICHLOROETHANE             | 1      | UG/L  | U        | 1       | 1    | TR2   | Plume Extent | REAL           |         |
| 1986     | 6/7/99      | GW06334TE | 1,2-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | TR2   | Plume Extent | REAL           |         |
| 1986     | 6/7/99      | GW06334TE | 1,3-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | TR2   | Plume Extent | REAL           |         |
| 1986     | 6/7/99      | GW06334TE | 1,3-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | TR2   | Plume Extent | REAL           |         |
| 1986     | 6/7/99      | GW06334TE | 1,4-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | TR2   | Plume Extent | REAL           |         |
| 1986     | 6/7/99      | GW06334TE | 2,2-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | TR2   | Plume Extent | REAL           |         |
| 1986     | 6/7/99      | GW06334TE | 4-ISOPROPYLTOLUENE             | 1      | UG/L  | U        | 1       | 1    | TR2   | Plume Extent | REAL           |         |
| 1986     | 6/7/99      | GW06334TE | BENZENE                        | 1      | UG/L  | U        | 1       | 1    | TR2   | Plume Extent | REAL           |         |
| 1986     | 6/7/99      | GW06334TE | BENZENE, 1,2,4-TRIMETHYL       | 1      | UG/L  | U        | 1       | 1    | TR2   | Plume Extent | REAL           |         |
| 1986     | 6/7/99      | GW06334TE | BENZENE, 1,3,5-TRIMETHYL       | 1      | UG/L  | U        | 1       | 1    | TR2   | Plume Extent | REAL           |         |
| 1986     | 6/7/99      | GW06334TE | BROMOBENZENE                   | 1      | UG/L  | U        | 1       | 1    | TR2   | Plume Extent | REAL           |         |
| 1986     | 6/7/99      | GW06334TE | BROMOCHLOROMETHANE             | 1      | UG/L  | U        | 1       | 1    | TR2   | Plume Extent | REAL           |         |
| 1986     | 6/7/99      | GW06334TE | BROMODICHLOROMETHANE           | 1      | UG/L  | U        | 1       | 1    | TR2   | Plume Extent | REAL           |         |
| 1986     | 6/7/99      | GW06334TE | BROMOFORM                      | 1      | UG/L  | U        | 1       | 1    | TR2   | Plume Extent | REAL           |         |
| 1986     | 6/7/99      | GW06334TE | BROMOMETHANE                   | 1      | UG/L  | U        | 1       | 1    | TR2   | Plume Extent | REAL           |         |
| 1986     | 6/7/99      | GW06334TE | CARBON TETRACHLORIDE           | 1      | UG/L  | U        | 1       | 1    | TR2   | Plume Extent | REAL           |         |
| 1986     | 6/7/99      | GW06334TE | CHLOROBENZENE                  | 1      | UG/L  | U        | 1       | 1    | TR2   | Plume Extent | REAL           |         |
| 1986     | 6/7/99      | GW06334TE | CHLOROETHANE                   | 1      | UG/L  | U        | 1       | 1    | TR2   | Plume Extent | REAL           |         |
| 1986     | 6/7/99      | GW06334TE | CHLOROFORM                     | 1      | UG/L  | U        | 1       | 1    | TR2   | Plume Extent | REAL           |         |
| 1986     | 6/7/99      | GW06334TE | CHLORMETHANE                   | 1      | UG/L  | U        | 1       | 1    | TR2   | Plume Extent | REAL           |         |
| 1986     | 6/7/99      | GW06334TE | cis-1,2-DICHLOROETHENE         | 0.1    | UG/L  | J        | 1       | 1    | TR2   | Plume Extent | REAL           |         |
| 1986     | 6/7/99      | GW06334TE | cis-1,3-DICHLOROPROPENE        | 1      | UG/L  | U        | 1       | 1    | TR2   | Plume Extent | REAL           |         |
| 1986     | 6/7/99      | GW06334TE | DIBROMOCHLOROMETHANE           | 1      | UG/L  | U        | 1       | 1    | TR2   | Plume Extent | REAL           |         |
| 1986     | 6/7/99      | GW06334TE | DIBROMOMETHANE                 | 1      | UG/L  | U        | 1       | 1    | TR2   | Plume Extent | REAL           |         |

## Appendix A: Groundwater Analytical Data - VOCs

Second Quarter 1999

| Location | Sample Date | Sample # | Analyte   | Result                         | Units | Lab Qual | Det Lim | Dilu | Valid | Result Type | IMP Well Class | QC Type      |      |
|----------|-------------|----------|-----------|--------------------------------|-------|----------|---------|------|-------|-------------|----------------|--------------|------|
|          | 1986        | 6/7/99   | GW06334TE | DICHLORODIFLUOROMETHANE        | 1     | UG/L     | U       | 1    | 1     | TR2         | Plume Extent   | REAL         |      |
|          | 1986        | 6/7/99   | GW06334TE | ETHYLBENZENE                   | 1     | UG/L     | U       | 1    | 1     | TR2         | Plume Extent   | REAL         |      |
|          | 1986        | 6/7/99   | GW06334TE | HEXACHLOROBUTADIENE            | 1     | UG/L     | U       | 1    | 1     | TR2         | Plume Extent   | REAL         |      |
|          | 1986        | 6/7/99   | GW06334TE | ISOPROPYLBENZENE               | 1     | UG/L     | U       | 1    | 1     | TR2         | Plume Extent   | REAL         |      |
|          | 1986        | 6/7/99   | GW06334TE | METHYLENE CHLORIDE             | 1     | UG/L     | B       | 1    | 1     | TR2         | Plume Extent   | REAL         |      |
|          | 1986        | 6/7/99   | GW06334TE | NAPHTHALENE                    | 1     | UG/L     | U       | 1    | 1     | TR2         | Plume Extent   | REAL         |      |
|          | 1986        | 6/7/99   | GW06334TE | n-BUTYLBENZENE                 | 1     | UG/L     | U       | 1    | 1     | TR2         | Plume Extent   | REAL         |      |
|          | 1986        | 6/7/99   | GW06334TE | n-PROPYLBENZENE                | 1     | UG/L     | U       | 1    | 1     | TR2         | Plume Extent   | REAL         |      |
|          | 1986        | 6/7/99   | GW06334TE | o-CHLOROTOLUENE                | 1     | UG/L     | U       | 1    | 1     | TR2         | Plume Extent   | REAL         |      |
|          | 1986        | 6/7/99   | GW06334TE | p-CHLOROTOLUENE                | 1     | UG/L     | U       | 1    | 1     | TR2         | Plume Extent   | REAL         |      |
|          | 1986        | 6/7/99   | GW06334TE | PROPANE, 1,2-DIBROMO-3-CHLORO- | 1     | UG/L     | U       | 1    | 1     | TR2         | Plume Extent   | REAL         |      |
|          | 1986        | 6/7/99   | GW06334TE | sec-BUTYLBENZENE               | 1     | UG/L     | U       | 1    | 1     | TR2         | Plume Extent   | REAL         |      |
|          | 1986        | 6/7/99   | GW06334TE | STYRENE                        | 1     | UG/L     | U       | 1    | 1     | TR2         | Plume Extent   | REAL         |      |
|          | 1986        | 6/7/99   | GW06334TE | tert-BUTYLBENZENE              | 1     | UG/L     | U       | 1    | 1     | TR2         | Plume Extent   | REAL         |      |
|          | 1986        | 6/7/99   | GW06334TE | TETRACHLOROETHENE              | 1     | UG/L     | U       | 1    | 1     | TR2         | Plume Extent   | REAL         |      |
|          | 1986        | 6/7/99   | GW06334TE | TOLUENE                        | 1     | UG/L     | U       | 1    | 1     | TR2         | Plume Extent   | REAL         |      |
|          | 1986        | 6/7/99   | GW06334TE | TOTAL XYLEMES                  | 1     | UG/L     | U       | 1    | 1     | TR2         | Plume Extent   | REAL         |      |
|          | 1986        | 6/7/99   | GW06334TE | trans-1,2-DICHLOROETHENE       | 1     | UG/L     | U       | 1    | 1     | TR2         | Plume Extent   | REAL         |      |
|          | 1986        | 6/7/99   | GW06334TE | trans-1,3-DICHLOROPROPENE      | 1     | UG/L     | U       | 1    | 1     | TR2         | Plume Extent   | REAL         |      |
|          | 1986        | 6/7/99   | GW06334TE | TRICHLOROETHENE                | 1     | UG/L     | U       | 1    | 1     | TR2         | Plume Extent   | REAL         |      |
|          | 1986        | 6/7/99   | GW06334TE | TRICHLOROFUOROMETHANE          | 0.4   | UG/L     | JB      | 1    | 1     | TR2         | Plume Extent   | REAL         |      |
|          | 1986        | 6/7/99   | GW06334TE | VINYL CHLORIDE                 | 1     | UG/L     | U       | 1    | 1     | TR2         | Plume Extent   | REAL         |      |
|          | 2186        | 6/9/99   | GW06335TE | 1,1,1,2-TETRACHLOROETHANE      | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Extent | REAL |
|          | 2186        | 6/9/99   | GW06335TE | 1,1,1-TRICHLOROETHANE          | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Extent | REAL |
|          | 2186        | 6/9/99   | GW06335TE | 1,1,2,2-TETRACHLOROETHANE      | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Extent | REAL |
|          | 2186        | 6/9/99   | GW06335TE | 1,1,2-TRICHLOROETHANE          | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Extent | REAL |
|          | 2186        | 6/9/99   | GW06335TE | 1,1-DICHLOROETHANE             | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Extent | REAL |
|          | 2186        | 6/9/99   | GW06335TE | 1,1-DICHLOROETHENE             | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Extent | REAL |
|          | 2186        | 6/9/99   | GW06335TE | 1,1-DICHLOROPROPENE            | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Extent | REAL |
|          | 2186        | 6/9/99   | GW06335TE | 1,2,3-TRICHLOROBENZENE         | 1     | UG/L     | U       | 1    | 1     | UJ          | TR1            | Plume Extent | REAL |
|          | 2186        | 6/9/99   | GW06335TE | 1,2,3-TRICHLOROPROPANE         | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Extent | REAL |
|          | 2186        | 6/9/99   | GW06335TE | 1,2,4-TRICHLOROBENZENE         | 1     | UG/L     | U       | 1    | 1     | UJ          | TR1            | Plume Extent | REAL |
|          | 2186        | 6/9/99   | GW06335TE | 1,2-DIBROMOETHANE              | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Extent | REAL |
|          | 2186        | 6/9/99   | GW06335TE | 1,2-DICHLOROBENZENE            | 1     | UG/L     | U       | 1    | 1     | UJ          | TR1            | Plume Extent | REAL |
|          | 2186        | 6/9/99   | GW06335TE | 1,2-DICHLOROETHANE             | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Extent | REAL |
|          | 2186        | 6/9/99   | GW06335TE | 1,2-DICHLOROPROPANE            | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Extent | REAL |
|          | 2186        | 6/9/99   | GW06335TE | 1,3-DICHLOROBENZENE            | 1     | UG/L     | U       | 1    | 1     | UJ          | TR1            | Plume Extent | REAL |
|          | 2186        | 6/9/99   | GW06335TE | 1,3-DICHLOROPROPANE            | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Extent | REAL |
|          | 2186        | 6/9/99   | GW06335TE | 1,4-DICHLOROBENZENE            | 1     | UG/L     | U       | 1    | 1     | UJ          | TR1            | Plume Extent | REAL |
|          | 2186        | 6/9/99   | GW06335TE | 2,2-DICHLOROPROPANE            | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Extent | REAL |
|          | 2186        | 6/9/99   | GW06335TE | 4-ISOPROPYLTOULUENE            | 1     | UG/L     | U       | 1    | 1     | UJ          | TR1            | Plume Extent | REAL |
|          | 2186        | 6/9/99   | GW06335TE | BENZENE                        | 1     | UG/L     | U       | 1    | 1     | UJ          | TR1            | Plume Extent | REAL |
|          | 2186        | 6/9/99   | GW06335TE | BENZENE, 1,2,4-TRIMETHYL       | 1     | UG/L     | U       | 1    | 1     | UJ          | TR1            | Plume Extent | REAL |
|          | 2186        | 6/9/99   | GW06335TE | BENZENE, 1,3,5-TRIMETHYL       | 1     | UG/L     | U       | 1    | 1     | UJ          | TR1            | Plume Extent | REAL |
|          | 2186        | 6/9/99   | GW06335TE | BROMOBENZENE                   | 1     | UG/L     | U       | 1    | 1     | UJ          | TR1            | Plume Extent | REAL |
|          | 2186        | 6/9/99   | GW06335TE | BROMOCHLOROMETHANE             | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Extent | REAL |
|          | 2186        | 6/9/99   | GW06335TE | BROMODICHLOROMETHANE           | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Extent | REAL |
|          | 2186        | 6/9/99   | GW06335TE | BROMOFORM                      | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Extent | REAL |
|          | 2186        | 6/9/99   | GW06335TE | BROMOMETHANE                   | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Extent | REAL |
|          | 2186        | 6/9/99   | GW06335TE | CARBON TETRACHLORIDE           | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Extent | REAL |
|          | 2186        | 6/9/99   | GW06335TE | CHLOROBENZENE                  | 1     | UG/L     | U       | 1    | 1     | UJ          | TR1            | Plume Extent | REAL |
|          | 2186        | 6/9/99   | GW06335TE | CHLOROETHANE                   | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Extent | REAL |
|          | 2186        | 6/9/99   | GW06335TE | CHLOROFORM                     | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Extent | REAL |
|          | 2186        | 6/9/99   | GW06335TE | CHLOROMETHANE                  | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Extent | REAL |
|          | 2186        | 6/9/99   | GW06335TE | cis-1,2-DICHLOROETHENE         | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Extent | REAL |
|          | 2186        | 6/9/99   | GW06335TE | cis-1,3-DICHLOROPROPENE        | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Extent | REAL |
|          | 2186        | 6/9/99   | GW06335TE | DIBROMOCHLOROMETHANE           | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Extent | REAL |
|          | 2186        | 6/9/99   | GW06335TE | DIBROMOMETHANE                 | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Extent | REAL |
|          | 2186        | 6/9/99   | GW06335TE | DICHLORODIFLUOROMETHANE        | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Extent | REAL |
|          | 2186        | 6/9/99   | GW06335TE | ETHYLBENZENE                   | 1     | UG/L     | U       | 1    | 1     | UJ          | TR1            | Plume Extent | REAL |
|          | 2186        | 6/9/99   | GW06335TE | HEXACHLOROBUTADIENE            | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Extent | REAL |
|          | 2186        | 6/9/99   | GW06335TE | ISOPROPYLBENZENE               | 1     | UG/L     | U       | 1    | 1     | UJ          | TR1            | Plume Extent | REAL |
|          | 2186        | 6/9/99   | GW06335TE | METHYLENE CHLORIDE             | 0.4   | UG/L     | JB      | 1    | 1     | JB          | TR1            | Plume Extent | REAL |
|          | 2186        | 6/9/99   | GW06335TE | NAPHTHALENE                    | 1     | UG/L     | U       | 1    | 1     | UJ          | TR1            | Plume Extent | REAL |

## Appendix A: Groundwater Analytical Data - VOCs

Second Quarter 1999

| Location | Sample Date | Sample # | Analyte   | Result                         | Units | Lab Qual | Det Lim | Dilu | Valid | Result Type | IMP Well Class | QC Type      |      |
|----------|-------------|----------|-----------|--------------------------------|-------|----------|---------|------|-------|-------------|----------------|--------------|------|
|          | 2186        | 6/9/99   | GW06335TE | n-BUTYLBENZENE                 | 1     | UG/L     | U       | 1    | 1     | UJ          | TR1            | Plume Extent | REAL |
|          | 2186        | 6/9/99   | GW06335TE | n-PROPYLBENZENE                | 1     | UG/L     | U       | 1    | 1     | UJ          | TR1            | Plume Extent | REAL |
|          | 2186        | 6/9/99   | GW06335TE | o-CHLOROTOLUENE                | 1     | UG/L     | U       | 1    | 1     | UJ          | TR1            | Plume Extent | REAL |
|          | 2186        | 6/9/99   | GW06335TE | p-CHLOROTOLUENE                | 1     | UG/L     | U       | 1    | 1     | UJ          | TR1            | Plume Extent | REAL |
|          | 2186        | 6/9/99   | GW06335TE | PROPANE, 1,2-DIBROMO-3-CHLORO- | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Extent | REAL |
|          | 2186        | 6/9/99   | GW06335TE | sec-BUTYLBENZENE               | 1     | UG/L     | U       | 1    | 1     | UJ          | TR1            | Plume Extent | REAL |
|          | 2186        | 6/9/99   | GW06335TE | STYRENE                        | 1     | UG/L     | U       | 1    | 1     | UJ          | TR1            | Plume Extent | REAL |
|          | 2186        | 6/9/99   | GW06335TE | tert-BUTYLBENZENE              | 1     | UG/L     | U       | 1    | 1     | UJ          | TR1            | Plume Extent | REAL |
|          | 2186        | 6/9/99   | GW06335TE | TETRACHLOROETHENE              | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Extent | REAL |
|          | 2186        | 6/9/99   | GW06335TE | TOLUENE                        | 1     | UG/L     | U       | 1    | 1     | UJ          | TR1            | Plume Extent | REAL |
|          | 2186        | 6/9/99   | GW06335TE | TOTAL XYLEMES                  | 1     | UG/L     | U       | 1    | 1     | UJ          | TR1            | Plume Extent | REAL |
|          | 2186        | 6/9/99   | GW06335TE | trans-1,2-DICHLOROETHENE       | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Extent | REAL |
|          | 2186        | 6/9/99   | GW06335TE | trans-1,3-DICHLOROPROPENE      | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Extent | REAL |
|          | 2186        | 6/9/99   | GW06335TE | TRICHLOROETHENE                | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Extent | REAL |
|          | 2186        | 6/9/99   | GW06335TE | TRICHLOROFUOROMETHANE          | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Extent | REAL |
|          | 2186        | 6/9/99   | GW06335TE | VINYL CHLORIDE                 | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Extent | REAL |
|          | 22796       | 6/9/99   | GW06375TE | 1,1,1,2-TETRACHLOROETHANE      | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Extent | REAL |
|          | 22796       | 6/9/99   | GW06375TE | 1,1,1-TRICHLOROETHANE          | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Extent | REAL |
|          | 22796       | 6/9/99   | GW06375TE | 1,1,2,2-TETRACHLOROETHANE      | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Extent | REAL |
|          | 22796       | 6/9/99   | GW06375TE | 1,1,2-TRICHLOROETHANE          | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Extent | REAL |
|          | 22796       | 6/9/99   | GW06375TE | 1,1-DICHLOROETHANE             | 0.5   | UG/L     | J       | 1    | 1     | V           | TR1            | Plume Extent | REAL |
|          | 22796       | 6/9/99   | GW06375TE | 1,1-DICHLOROETHENE             | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Extent | REAL |
|          | 22796       | 6/9/99   | GW06375TE | 1,1-DICHLOROPROPENE            | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Extent | REAL |
|          | 22796       | 6/9/99   | GW06375TE | 1,2,3-TRICHLOROBENZENE         | 1     | UG/L     | U       | 1    | 1     | UJ          | TR1            | Plume Extent | REAL |
|          | 22796       | 6/9/99   | GW06375TE | 1,2,3-TRICHLOROPROPANE         | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Extent | REAL |
|          | 22796       | 6/9/99   | GW06375TE | 1,2,4-TRICHLOROBENZENE         | 1     | UG/L     | U       | 1    | 1     | UJ          | TR1            | Plume Extent | REAL |
|          | 22796       | 6/9/99   | GW06375TE | 1,2-DIBROMOETHANE              | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Extent | REAL |
|          | 22796       | 6/9/99   | GW06375TE | 1,2-DICHLOROBENZENE            | 1     | UG/L     | U       | 1    | 1     | UJ          | TR1            | Plume Extent | REAL |
|          | 22796       | 6/9/99   | GW06375TE | 1,2-DICHLOROETHANE             | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Extent | REAL |
|          | 22796       | 6/9/99   | GW06375TE | 1,2-DICHLOROPROPANE            | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Extent | REAL |
|          | 22796       | 6/9/99   | GW06375TE | 1,3-DICHLOROBENZENE            | 1     | UG/L     | U       | 1    | 1     | UJ          | TR1            | Plume Extent | REAL |
|          | 22796       | 6/9/99   | GW06375TE | 1,3-DICHLOROPROPANE            | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Extent | REAL |
|          | 22796       | 6/9/99   | GW06375TE | 1,4-DICHLOROBENZENE            | 1     | UG/L     | U       | 1    | 1     | UJ          | TR1            | Plume Extent | REAL |
|          | 22796       | 6/9/99   | GW06375TE | 2,2-DICHLOROPROPANE            | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Extent | REAL |
|          | 22796       | 6/9/99   | GW06375TE | 4-ISOPROPYLTOLEUNE             | 1     | UG/L     | U       | 1    | 1     | UJ          | TR1            | Plume Extent | REAL |
|          | 22796       | 6/9/99   | GW06375TE | BENZENE                        | 1     | UG/L     | U       | 1    | 1     | UJ          | TR1            | Plume Extent | REAL |
|          | 22796       | 6/9/99   | GW06375TE | BENZENE, 1,2,4-TRIMETHYL       | 1     | UG/L     | U       | 1    | 1     | UJ          | TR1            | Plume Extent | REAL |
|          | 22796       | 6/9/99   | GW06375TE | BENZENE, 1,3,5-TRIMETHYL-      | 1     | UG/L     | U       | 1    | 1     | UJ          | TR1            | Plume Extent | REAL |
|          | 22796       | 6/9/99   | GW06375TE | BROMOBENZENE                   | 1     | UG/L     | U       | 1    | 1     | UJ          | TR1            | Plume Extent | REAL |
|          | 22796       | 6/9/99   | GW06375TE | BROMOCHLOROMETHANE             | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Extent | REAL |
|          | 22796       | 6/9/99   | GW06375TE | BROMODICHLOROMETHANE           | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Extent | REAL |
|          | 22796       | 6/9/99   | GW06375TE | BROMOFORM                      | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Extent | REAL |
|          | 22796       | 6/9/99   | GW06375TE | BROMOMETHANE                   | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Extent | REAL |
|          | 22796       | 6/9/99   | GW06375TE | CARBON TETRACHLORIDE           | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Extent | REAL |
|          | 22796       | 6/9/99   | GW06375TE | CHLOROBENZENE                  | 1     | UG/L     | U       | 1    | 1     | UJ          | TR1            | Plume Extent | REAL |
|          | 22796       | 6/9/99   | GW06375TE | CHLOROETHANE                   | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Extent | REAL |
|          | 22796       | 6/9/99   | GW06375TE | CHLOROFORM                     | 0.4   | UG/L     | J       | 1    | 1     | V           | TR1            | Plume Extent | REAL |
|          | 22796       | 6/9/99   | GW06375TE | CHLOROMETHANE                  | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Extent | REAL |
|          | 22796       | 6/9/99   | GW06375TE | cis-1,2-DICHLOROETHENE         | 3     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Extent | REAL |
|          | 22796       | 6/9/99   | GW06375TE | cis-1,3-DICHLOROPROPENE        | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Extent | REAL |
|          | 22796       | 6/9/99   | GW06375TE | DIBROMOCHLOROMETHANE           | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Extent | REAL |
|          | 22796       | 6/9/99   | GW06375TE | DIBROMOMETHANE                 | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Extent | REAL |
|          | 22796       | 6/9/99   | GW06375TE | DICHLORODIFLUOROMETHANE        | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Extent | REAL |
|          | 22796       | 6/9/99   | GW06375TE | ETHYLBENZENE                   | 1     | UG/L     | U       | 1    | 1     | UJ          | TR1            | Plume Extent | REAL |
|          | 22796       | 6/9/99   | GW06375TE | HEXACHLOROBUTADIENE            | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Extent | REAL |
|          | 22796       | 6/9/99   | GW06375TE | ISOPROPYLBENZENE               | 1     | UG/L     | U       | 1    | 1     | UJ          | TR1            | Plume Extent | REAL |
|          | 22796       | 6/9/99   | GW06375TE | METHYLENE CHLORIDE             | 1     | UG/L     | B       | 1    | 1     | UJ          | TR1            | Plume Extent | REAL |
|          | 22796       | 6/9/99   | GW06375TE | NAPHTHALENE                    | 1     | UG/L     | U       | 1    | 1     | UJ          | TR1            | Plume Extent | REAL |
|          | 22796       | 6/9/99   | GW06375TE | n-BUTYLBENZENE                 | 1     | UG/L     | U       | 1    | 1     | UJ          | TR1            | Plume Extent | REAL |
|          | 22796       | 6/9/99   | GW06375TE | n-PROPYLBENZENE                | 1     | UG/L     | U       | 1    | 1     | UJ          | TR1            | Plume Extent | REAL |
|          | 22796       | 6/9/99   | GW06375TE | o-CHLOROTOLUENE                | 1     | UG/L     | U       | 1    | 1     | UJ          | TR1            | Plume Extent | REAL |
|          | 22796       | 6/9/99   | GW06375TE | p-CHLOROTOLUENE                | 1     | UG/L     | U       | 1    | 1     | UJ          | TR1            | Plume Extent | REAL |
|          | 22796       | 6/9/99   | GW06375TE | PROPANE, 1,2-DIBROMO-3-CHLORO- | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Extent | REAL |
|          | 22796       | 6/9/99   | GW06375TE | sec-BUTYLBENZENE               | 1     | UG/L     | U       | 1    | 1     | UJ          | TR1            | Plume Extent | REAL |

## Appendix A: Groundwater Analytical Data - VOCs

Second Quarter 1999

| Location | Sample Date | Sample # | Analyte   | Result                         | Units | Lab Qual | Det Lim | Dilu | Valid | Result Type | IMP Well Class | QC Type          |      |
|----------|-------------|----------|-----------|--------------------------------|-------|----------|---------|------|-------|-------------|----------------|------------------|------|
|          | 22796       | 6/9/99   | GW06375TE | STYRENE                        | 1     | UG/L     | U       | 1    | 1     | UJ          | TR1            | Plume Extent     | REAL |
|          | 22796       | 6/9/99   | GW06375TE | tert-BUTYLBENZENE              | 1     | UG/L     | U       | 1    | 1     | UJ          | TR1            | Plume Extent     | REAL |
|          | 22796       | 6/9/99   | GW06375TE | TETRACHLOROETHENE              | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Extent     | REAL |
|          | 22796       | 6/9/99   | GW06375TE | TOLUENE                        | 1     | UG/L     | U       | 1    | 1     | UJ          | TR1            | Plume Extent     | REAL |
|          | 22796       | 6/9/99   | GW06375TE | TOTAL XYLEMES                  | 1     | UG/L     | U       | 1    | 1     | UJ          | TR1            | Plume Extent     | REAL |
|          | 22796       | 6/9/99   | GW06375TE | trans-1,2-DICHLOROETHENE       | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Extent     | REAL |
|          | 22796       | 6/9/99   | GW06375TE | trans-1,3-DICHLOROPROPENE      | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Extent     | REAL |
|          | 22796       | 6/9/99   | GW06375TE | TRICHLOROETHENE                | 10    | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Extent     | REAL |
|          | 22796       | 6/9/99   | GW06375TE | TRICHLOROFLUOROMETHANE         | 0.4   | UG/L     | JB      | 1    | 1     | JB          | TR1            | Plume Extent     | REAL |
|          | 22796       | 6/9/99   | GW06375TE | VINYL CHLORIDE                 | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Extent     | REAL |
|          | 2987        | 5/13/99  | GW06336TE | 1,1,1,2-TETRACHLOROETHANE      | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Plume Definition | REAL |
|          | 2987        | 5/13/99  | GW06336TE | 1,1,1-TRICHLOROETHANE          | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Plume Definition | REAL |
|          | 2987        | 5/13/99  | GW06336TE | 1,1,2,2-TETRACHLOROETHANE      | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Plume Definition | REAL |
|          | 2987        | 5/13/99  | GW06336TE | 1,1,2-TRICHLOROETHANE          | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Plume Definition | REAL |
|          | 2987        | 5/13/99  | GW06336TE | 1,1-DICHLOROETHANE             | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Plume Definition | REAL |
|          | 2987        | 5/13/99  | GW06336TE | 1,1-DICHLOROETHENE             | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Plume Definition | REAL |
|          | 2987        | 5/13/99  | GW06336TE | 1,1-DICHLOROPROPENE            | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Plume Definition | REAL |
|          | 2987        | 5/13/99  | GW06336TE | 1,2,3-TRICHLOROBENZENE         | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Plume Definition | REAL |
|          | 2987        | 5/13/99  | GW06336TE | 1,2,3-TRICHLOROPROPANE         | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Plume Definition | REAL |
|          | 2987        | 5/13/99  | GW06336TE | 1,2,4-TRICHLOROBENZENE         | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Plume Definition | REAL |
|          | 2987        | 5/13/99  | GW06336TE | 1,2-DIBROMOETHANE              | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Plume Definition | REAL |
|          | 2987        | 5/13/99  | GW06336TE | 1,2-DICHLOROBENZENE            | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Plume Definition | REAL |
|          | 2987        | 5/13/99  | GW06336TE | 1,2-DICHLOROETHANE             | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Plume Definition | REAL |
|          | 2987        | 5/13/99  | GW06336TE | 1,2-DICHLOROPROPANE            | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Plume Definition | REAL |
|          | 2987        | 5/13/99  | GW06336TE | 1,3-DICHLOROBENZENE            | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Plume Definition | REAL |
|          | 2987        | 5/13/99  | GW06336TE | 1,3-DICHLOROPROPANE            | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Plume Definition | REAL |
|          | 2987        | 5/13/99  | GW06336TE | 1,4-DICHLOROBENZENE            | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Plume Definition | REAL |
|          | 2987        | 5/13/99  | GW06336TE | 2,2-DICHLOROPROPANE            | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Plume Definition | REAL |
|          | 2987        | 5/13/99  | GW06336TE | 4-ISOPROPYLtolUENE             | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Plume Definition | REAL |
|          | 2987        | 5/13/99  | GW06336TE | BENZENE                        | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Plume Definition | REAL |
|          | 2987        | 5/13/99  | GW06336TE | BENZENE, 1,2,4-TRIMETHYL       | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Plume Definition | REAL |
|          | 2987        | 5/13/99  | GW06336TE | BENZENE, 1,3,5-TRIMETHYL-      | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Plume Definition | REAL |
|          | 2987        | 5/13/99  | GW06336TE | BROMOBENZENE                   | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Plume Definition | REAL |
|          | 2987        | 5/13/99  | GW06336TE | BROMOCHLOROMETHANE             | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Plume Definition | REAL |
|          | 2987        | 5/13/99  | GW06336TE | BROMODICHLOROMETHANE           | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Plume Definition | REAL |
|          | 2987        | 5/13/99  | GW06336TE | BROMOFORM                      | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Plume Definition | REAL |
|          | 2987        | 5/13/99  | GW06336TE | BROMOMETHANE                   | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Plume Definition | REAL |
|          | 2987        | 5/13/99  | GW06336TE | CARBON TETRACHLORIDE           | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Plume Definition | REAL |
|          | 2987        | 5/13/99  | GW06336TE | CHLOROBENZENE                  | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Plume Definition | REAL |
|          | 2987        | 5/13/99  | GW06336TE | CHLOROETHANE                   | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Plume Definition | REAL |
|          | 2987        | 5/13/99  | GW06336TE | CHLOROFORM                     | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Plume Definition | REAL |
|          | 2987        | 5/13/99  | GW06336TE | CHLOROMETHANE                  | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Plume Definition | REAL |
|          | 2987        | 5/13/99  | GW06336TE | cis-1,2-DICHLOROETHENE         | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Plume Definition | REAL |
|          | 2987        | 5/13/99  | GW06336TE | cis-1,3-DICHLOROPROPENE        | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Plume Definition | REAL |
|          | 2987        | 5/13/99  | GW06336TE | DIBROMOCHLOROMETHANE           | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Plume Definition | REAL |
|          | 2987        | 5/13/99  | GW06336TE | DIBROMOMETHANE                 | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Plume Definition | REAL |
|          | 2987        | 5/13/99  | GW06336TE | DICHLORODIFLUOROMETHANE        | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Plume Definition | REAL |
|          | 2987        | 5/13/99  | GW06336TE | ETHYLBENZENE                   | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Plume Definition | REAL |
|          | 2987        | 5/13/99  | GW06336TE | HEXACHLOROBUTADIENE            | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Plume Definition | REAL |
|          | 2987        | 5/13/99  | GW06336TE | ISOPROPYLBENZENE               | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Plume Definition | REAL |
|          | 2987        | 5/13/99  | GW06336TE | METHYLENE CHLORIDE             | 1     | UG/L     | U       | 1    | 1     | J1          | TR1            | Plume Definition | REAL |
|          | 2987        | 5/13/99  | GW06336TE | NAPHTHALENE                    | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Plume Definition | REAL |
|          | 2987        | 5/13/99  | GW06336TE | n-BUTYLBENZENE                 | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Plume Definition | REAL |
|          | 2987        | 5/13/99  | GW06336TE | n-PROPYLBENZENE                | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Plume Definition | REAL |
|          | 2987        | 5/13/99  | GW06336TE | o-CHLOROTOLUENE                | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Plume Definition | REAL |
|          | 2987        | 5/13/99  | GW06336TE | p-CHLOROTOLUENE                | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Plume Definition | REAL |
|          | 2987        | 5/13/99  | GW06336TE | PROPANE, 1,2-DIBROMO-3-CHLORO- | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Plume Definition | REAL |
|          | 2987        | 5/13/99  | GW06336TE | sec-BUTYLBENZENE               | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Plume Definition | REAL |
|          | 2987        | 5/13/99  | GW06336TE | STYRENE                        | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Plume Definition | REAL |
|          | 2987        | 5/13/99  | GW06336TE | tert-BUTYLBENZENE              | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Plume Definition | REAL |
|          | 2987        | 5/13/99  | GW06336TE | TETRACHLOROETHENE              | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Plume Definition | REAL |
|          | 2987        | 5/13/99  | GW06336TE | TOLUENE                        | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Plume Definition | REAL |
|          | 2987        | 5/13/99  | GW06336TE | TOTAL XYLEMES                  | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Plume Definition | REAL |
|          | 2987        | 5/13/99  | GW06336TE | trans-1,2-DICHLOROETHENE       | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Plume Definition | REAL |

## Appendix A: Groundwater Analytical Data - VOCs

Second Quarter 1999

| Location | Sample Date | Sample # | Analyte   | Result                         | Units | Lab Qual | Det Lim | Dilu | Valid | Result Type | IMP Well Class | QC Type          |      |
|----------|-------------|----------|-----------|--------------------------------|-------|----------|---------|------|-------|-------------|----------------|------------------|------|
|          | 2987        | 5/13/99  | GW06336TE | trans-1,3-DICHLOROPROPENE      | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Plume Definition | REAL |
|          | 2987        | 5/13/99  | GW06336TE | TRICHLOROETHENE                | 0.2   | UG/L     | J       | 1    | 1     | V1          | TR1            | Plume Definition | REAL |
|          | 2987        | 5/13/99  | GW06336TE | TRICHLOROFLUOROMETHANE         | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Plume Definition | REAL |
|          | 2987        | 5/13/99  | GW06336TE | VINYL CHLORIDE                 | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Plume Definition | REAL |
|          | 3087        | 4/20/99  | GW06337TE | 1,1,1,2-TETRACHLOROETHANE      | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Definition | REAL |
|          | 3087        | 4/20/99  | GW06337TE | 1,1,1-TRICHLOROETHANE          | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Definition | REAL |
|          | 3087        | 4/20/99  | GW06337TE | 1,1,2,2-TETRACHLOROETHANE      | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Definition | REAL |
|          | 3087        | 4/20/99  | GW06337TE | 1,1,2-TRICHLOROETHANE          | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Definition | REAL |
|          | 3087        | 4/20/99  | GW06337TE | 1,1-DICHLOROETHANE             | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Definition | REAL |
|          | 3087        | 4/20/99  | GW06337TE | 1,1-DICHLOROETHENE             | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Definition | REAL |
|          | 3087        | 4/20/99  | GW06337TE | 1,1-DICHLOROPROPENE            | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Definition | REAL |
|          | 3087        | 4/20/99  | GW06337TE | 1,2,3-TRICHLOROBENZENE         | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Definition | REAL |
|          | 3087        | 4/20/99  | GW06337TE | 1,2,3-TRICHLOROPROPANE         | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Definition | REAL |
|          | 3087        | 4/20/99  | GW06337TE | 1,2,4-TRICHLOROBENZENE         | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Definition | REAL |
|          | 3087        | 4/20/99  | GW06337TE | 1,2-DIBROMOETHANE              | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Definition | REAL |
|          | 3087        | 4/20/99  | GW06337TE | 1,2-DICHLOROBENZENE            | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Definition | REAL |
|          | 3087        | 4/20/99  | GW06337TE | 1,2-DICHLOROPROPANE            | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Definition | REAL |
|          | 3087        | 4/20/99  | GW06337TE | 1,3-DICHLOROBENZENE            | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Definition | REAL |
|          | 3087        | 4/20/99  | GW06337TE | 1,3-DICHLOROPROPANE            | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Definition | REAL |
|          | 3087        | 4/20/99  | GW06337TE | 1,4-DICHLOROBENZENE            | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Definition | REAL |
|          | 3087        | 4/20/99  | GW06337TE | 2,2-DICHLOROPROPANE            | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Definition | REAL |
|          | 3087        | 4/20/99  | GW06337TE | 4-ISOPROPYLTOLUENE             | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Definition | REAL |
|          | 3087        | 4/20/99  | GW06337TE | BENZENE                        | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Definition | REAL |
|          | 3087        | 4/20/99  | GW06337TE | BENZENE, 1,2,4-TRIMETHYL-      | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Definition | REAL |
|          | 3087        | 4/20/99  | GW06337TE | BROMOBENZENE                   | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Definition | REAL |
|          | 3087        | 4/20/99  | GW06337TE | BROMOCHLOROMETHANE             | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Definition | REAL |
|          | 3087        | 4/20/99  | GW06337TE | BROMODICHLOROMETHANE           | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Definition | REAL |
|          | 3087        | 4/20/99  | GW06337TE | BROMOFORM                      | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Definition | REAL |
|          | 3087        | 4/20/99  | GW06337TE | BROMOMETHANE                   | 1     | UG/L     | U       | 1    | 1     | UJ          | TR1            | Plume Definition | REAL |
|          | 3087        | 4/20/99  | GW06337TE | CARBON TETRACHLORIDE           | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Definition | REAL |
|          | 3087        | 4/20/99  | GW06337TE | CHLOROBENZENE                  | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Definition | REAL |
|          | 3087        | 4/20/99  | GW06337TE | CHLOROETHANE                   | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Definition | REAL |
|          | 3087        | 4/20/99  | GW06337TE | CHLOROFORM                     | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Definition | REAL |
|          | 3087        | 4/20/99  | GW06337TE | CHLOROMETHANE                  | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Definition | REAL |
|          | 3087        | 4/20/99  | GW06337TE | cis-1,2-DICHLOROETHENE         | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Definition | REAL |
|          | 3087        | 4/20/99  | GW06337TE | cis-1,3-DICHLOROPROPENE        | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Definition | REAL |
|          | 3087        | 4/20/99  | GW06337TE | DIBROMOCHLOROMETHANE           | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Definition | REAL |
|          | 3087        | 4/20/99  | GW06337TE | DIBROMOMETHANE                 | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Definition | REAL |
|          | 3087        | 4/20/99  | GW06337TE | DICHLORODIFLUOROMETHANE        | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Definition | REAL |
|          | 3087        | 4/20/99  | GW06337TE | ETHYLBENZENE                   | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Definition | REAL |
|          | 3087        | 4/20/99  | GW06337TE | HEXACHLOROBUTADIENE            | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Definition | REAL |
|          | 3087        | 4/20/99  | GW06337TE | ISOPROPYLBENZENE               | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Definition | REAL |
|          | 3087        | 4/20/99  | GW06337TE | METHYLENE CHLORIDE             | 1     | UG/L     | B       | 1    | 1     | UJ          | TR1            | Plume Definition | REAL |
|          | 3087        | 4/20/99  | GW06337TE | NAPHTHALENE                    | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Definition | REAL |
|          | 3087        | 4/20/99  | GW06337TE | n-BUTYLBENZENE                 | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Definition | REAL |
|          | 3087        | 4/20/99  | GW06337TE | n-PROPYLBENZENE                | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Definition | REAL |
|          | 3087        | 4/20/99  | GW06337TE | o-CHLOROTOLUENE                | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Definition | REAL |
|          | 3087        | 4/20/99  | GW06337TE | p-CHLOROTOLUENE                | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Definition | REAL |
|          | 3087        | 4/20/99  | GW06337TE | PROPANE, 1,2-DIBromo-3-CHLORO- | 1     | UG/L     | U       | 1    | 1     | UJ          | TR1            | Plume Definition | REAL |
|          | 3087        | 4/20/99  | GW06337TE | sec-BUTYLBENZENE               | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Definition | REAL |
|          | 3087        | 4/20/99  | GW06337TE | STYRENE                        | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Definition | REAL |
|          | 3087        | 4/20/99  | GW06337TE | tert-BUTYLBENZENE              | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Definition | REAL |
|          | 3087        | 4/20/99  | GW06337TE | TETRACHLOROETHENE              | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Definition | REAL |
|          | 3087        | 4/20/99  | GW06337TE | TOLUENE                        | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Definition | REAL |
|          | 3087        | 4/20/99  | GW06337TE | TOTAL XYLENES                  | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Definition | REAL |
|          | 3087        | 4/20/99  | GW06337TE | trans-1,2-DICHLOROETHENE       | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Definition | REAL |
|          | 3087        | 4/20/99  | GW06337TE | trans-1,3-DICHLOROPROPENE      | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Definition | REAL |
|          | 3087        | 4/20/99  | GW06337TE | TRICHLOROETHENE                | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Definition | REAL |
|          | 3087        | 4/20/99  | GW06337TE | TRICHLOROFLUOROMETHANE         | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Definition | REAL |
|          | 3087        | 4/20/99  | GW06337TE | VINYL CHLORIDE                 | 1     | UG/L     | U       | 1    | 1     | V           | TR1            | Plume Definition | REAL |
|          | 3386        | 5/4/99   | GW06338TE | 1,1,1,2-TETRACHLOROETHANE      | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Plume Extent     | REAL |
|          | 3386        | 5/4/99   | GW06338TE | 1,1,1-TRICHLOROETHANE          | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Plume Extent     | REAL |
|          | 3386        | 5/4/99   | GW06338TE | 1,1,2,2-TETRACHLOROETHANE      | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Plume Extent     | REAL |

## Appendix A: Groundwater Analytical Data - VOCs

Second Quarter 1999

| Location | Sample Date | Sample #  | Analyte                        | Result | Units | Lab Qual | Det Lim | Dilu | Valid | Result Type | IMP Well Class | QC Type |
|----------|-------------|-----------|--------------------------------|--------|-------|----------|---------|------|-------|-------------|----------------|---------|
| 3386     | 5/4/99      | GW06338TE | 1,1,2-TRICHLOROETHANE          | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 3386     | 5/4/99      | GW06338TE | 1,1-DICHLOROETHANE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 3386     | 5/4/99      | GW06338TE | 1,1-DICHLOROETHENE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 3386     | 5/4/99      | GW06338TE | 1,1-DICHLOROPROPENE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 3386     | 5/4/99      | GW06338TE | 1,2,3-TRICHLOROBENZENE         | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | REAL    |
| 3386     | 5/4/99      | GW06338TE | 1,2,3-TRICHLOROPROPANE         | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 3386     | 5/4/99      | GW06338TE | 1,2,4-TRICHLOROBENZENE         | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | REAL    |
| 3386     | 5/4/99      | GW06338TE | 1,2-DIBROMOETHANE              | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 3386     | 5/4/99      | GW06338TE | 1,2-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | REAL    |
| 3386     | 5/4/99      | GW06338TE | 1,2-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 3386     | 5/4/99      | GW06338TE | 1,3-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | REAL    |
| 3386     | 5/4/99      | GW06338TE | 1,3-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 3386     | 5/4/99      | GW06338TE | 1,4-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | REAL    |
| 3386     | 5/4/99      | GW06338TE | 2,2-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 3386     | 5/4/99      | GW06338TE | 4-ISOPROPYLtolUENE             | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | REAL    |
| 3386     | 5/4/99      | GW06338TE | BENZENE                        | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | REAL    |
| 3386     | 5/4/99      | GW06338TE | BENZENE, 1,2,4-TRIMETHYL       | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | REAL    |
| 3386     | 5/4/99      | GW06338TE | BROMOBENZENE                   | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | REAL    |
| 3386     | 5/4/99      | GW06338TE | BROMOCHLOROMETHANE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 3386     | 5/4/99      | GW06338TE | BROMODICHLOROMETHANE           | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 3386     | 5/4/99      | GW06338TE | BROMOFORM                      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 3386     | 5/4/99      | GW06338TE | BROMOMETHANE                   | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 3386     | 5/4/99      | GW06338TE | CARBON TETRACHLORIDE           | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 3386     | 5/4/99      | GW06338TE | CHLOROBENZENE                  | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | REAL    |
| 3386     | 5/4/99      | GW06338TE | CHLOROETHANE                   | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 3386     | 5/4/99      | GW06338TE | CHLOROFORM                     | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 3386     | 5/4/99      | GW06338TE | CHLOROMETHANE                  | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 3386     | 5/4/99      | GW06338TE | cis-1,2-DICHLOROETHENE         | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 3386     | 5/4/99      | GW06338TE | cis-1,3-DICHLOROPROPENE        | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 3386     | 5/4/99      | GW06338TE | DIBROMOCHLOROMETHANE           | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 3386     | 5/4/99      | GW06338TE | DIBROMOMETHANE                 | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 3386     | 5/4/99      | GW06338TE | DICHLORODIFLUOROMETHANE        | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 3386     | 5/4/99      | GW06338TE | ETHYLBENZENE                   | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | REAL    |
| 3386     | 5/4/99      | GW06338TE | HEXACHLOROBUTADIENE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 3386     | 5/4/99      | GW06338TE | ISOPROPYLBENZENE               | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | REAL    |
| 3386     | 5/4/99      | GW06338TE | METHYLENE CHLORIDE             | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | REAL    |
| 3386     | 5/4/99      | GW06338TE | NAPHTHALENE                    | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 3386     | 5/4/99      | GW06338TE | n-BUTYLBENZENE                 | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | REAL    |
| 3386     | 5/4/99      | GW06338TE | n-PROPYLBENZENE                | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | REAL    |
| 3386     | 5/4/99      | GW06338TE | o-CHLOROTOLUENE                | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | REAL    |
| 3386     | 5/4/99      | GW06338TE | p-CHLOROTOLUENE                | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | REAL    |
| 3386     | 5/4/99      | GW06338TE | PROPANE, 1,2-DIBROMO-3-CHLORO- | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 3386     | 5/4/99      | GW06338TE | sec-BUTYLBENZENE               | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | REAL    |
| 3386     | 5/4/99      | GW06338TE | STYRENE                        | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | REAL    |
| 3386     | 5/4/99      | GW06338TE | tert-BUTYLBENZENE              | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | REAL    |
| 3386     | 5/4/99      | GW06338TE | TETRACHLOROETHENE              | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 3386     | 5/4/99      | GW06338TE | TOLUENE                        | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | REAL    |
| 3386     | 5/4/99      | GW06338TE | TOTAL XYLEMES                  | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | REAL    |
| 3386     | 5/4/99      | GW06338TE | trans-1,2-DICHLOROETHENE       | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 3386     | 5/4/99      | GW06338TE | trans-1,3-DICHLOROPROPENE      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 3386     | 5/4/99      | GW06338TE | TRICHLOROETHENE                | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 3386     | 5/4/99      | GW06338TE | TRICHLOROFLUOROMETHANE         | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 3386     | 5/4/99      | GW06338TE | VINYL CHLORIDE                 | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 3586     | 4/28/99     | GW06388TE | 1,1,1,2-TETRACHLOROETHANE      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 3586     | 4/28/99     | GW06388TE | 1,1,1-TRICHLOROETHANE          | 0.2    | UG/L  | J        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 3586     | 4/28/99     | GW06388TE | 1,1,2,2-TETRACHLOROETHANE      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 3586     | 4/28/99     | GW06388TE | 1,1,2-TRICHLOROETHANE          | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 3586     | 4/28/99     | GW06388TE | 1,1-DICHLOROETHANE             | 9      | UG/L  |          | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 3586     | 4/28/99     | GW06388TE | 1,1-DICHLOROETHENE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 3586     | 4/28/99     | GW06388TE | 1,1-DICHLOROPROPENE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 3586     | 4/28/99     | GW06388TE | 1,2,3-TRICHLOROBENZENE         | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | REAL    |
| 3586     | 4/28/99     | GW06388TE | 1,2,3-TRICHLOROPROPANE         | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 3586     | 4/28/99     | GW06388TE | 1,2,4-TRICHLOROBENZENE         | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | REAL    |

## Appendix A: Groundwater Analytical Data - VOCs

Second Quarter 1999

| Location | Sample Date | Sample #  | Analyte                        | Result | Units | Lab Qual | Det Lim | Dilu | Valid | Result Type | IMP Well Class | QC Type |
|----------|-------------|-----------|--------------------------------|--------|-------|----------|---------|------|-------|-------------|----------------|---------|
| 3586     | 4/28/99     | GW06388TE | 1,2-DIBROMOETHANE              | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 3586     | 4/28/99     | GW06388TE | 1,2-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | REAL    |
| 3586     | 4/28/99     | GW06388TE | 1,2-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 3586     | 4/28/99     | GW06388TE | 1,3-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | REAL    |
| 3586     | 4/28/99     | GW06388TE | 1,3-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 3586     | 4/28/99     | GW06388TE | 1,4-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | REAL    |
| 3586     | 4/28/99     | GW06388TE | 2,2-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 3586     | 4/28/99     | GW06388TE | 4-ISOPROPYLTOLUENE             | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | REAL    |
| 3586     | 4/28/99     | GW06388TE | BENZENE                        | 0.1    | UG/L  | J        | 1       | 1    | J1    | TR1         | Plume Extent   | REAL    |
| 3586     | 4/28/99     | GW06388TE | BENZENE, 1,2,4-TRIMETHYL       | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | REAL    |
| 3586     | 4/28/99     | GW06388TE | BENZENE, 1,3,5-TRIMETHYL-      | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | REAL    |
| 3586     | 4/28/99     | GW06388TE | BROMOBENZENE                   | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | REAL    |
| 3586     | 4/28/99     | GW06388TE | BROMOCHLOROMETHANE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 3586     | 4/28/99     | GW06388TE | BROMODICHLOROMETHANE           | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 3586     | 4/28/99     | GW06388TE | BROMOFORM                      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 3586     | 4/28/99     | GW06388TE | BROMOMETHANE                   | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 3586     | 4/28/99     | GW06388TE | CARBON TETRACHLORIDE           | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 3586     | 4/28/99     | GW06388TE | CHLOROBENZENE                  | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | REAL    |
| 3586     | 4/28/99     | GW06388TE | CHLOROETHANE                   | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 3586     | 4/28/99     | GW06388TE | CHLOROFORM                     | 0.3    | UG/L  | J        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 3586     | 4/28/99     | GW06388TE | CHLOROMETHANE                  | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 3586     | 4/28/99     | GW06388TE | cis-1,2-DICHLOROETHENE         | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 3586     | 4/28/99     | GW06388TE | cis-1,3-DICHLOROPROPENE        | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 3586     | 4/28/99     | GW06388TE | DIBROMOCHLOROMETHANE           | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 3586     | 4/28/99     | GW06388TE | DIBROMOMETHANE                 | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 3586     | 4/28/99     | GW06388TE | DICHLORODIFLUOROMETHANE        | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 3586     | 4/28/99     | GW06388TE | ETHYLBENZENE                   | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | REAL    |
| 3586     | 4/28/99     | GW06388TE | HEXACHLOROBUTADIENE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 3586     | 4/28/99     | GW06388TE | ISOPROPYLBENZENE               | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | REAL    |
| 3586     | 4/28/99     | GW06388TE | METHYLENE CHLORIDE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 3586     | 4/28/99     | GW06388TE | NAPHTHALENE                    | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | REAL    |
| 3586     | 4/28/99     | GW06388TE | n-BUTYLBENZENE                 | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | REAL    |
| 3586     | 4/28/99     | GW06388TE | n-PROPYLBENZENE                | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | REAL    |
| 3586     | 4/28/99     | GW06388TE | o-CHLOROTOLUENE                | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | REAL    |
| 3586     | 4/28/99     | GW06388TE | p-CHLOROTOLUENE                | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | REAL    |
| 3586     | 4/28/99     | GW06388TE | PROPANE, 1,2-DIBROMO-3-CHLORO- | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 3586     | 4/28/99     | GW06388TE | sec-BUTYLBENZENE               | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | REAL    |
| 3586     | 4/28/99     | GW06388TE | STYRENE                        | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | REAL    |
| 3586     | 4/28/99     | GW06388TE | tert-BUTYLBENZENE              | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | REAL    |
| 3586     | 4/28/99     | GW06388TE | TETRACHLOROETHENE              | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 3586     | 4/28/99     | GW06388TE | TOLUENE                        | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | REAL    |
| 3586     | 4/28/99     | GW06388TE | TOTAL XYLEMES                  | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | REAL    |
| 3586     | 4/28/99     | GW06388TE | trans-1,2-DICHLOROETHENE       | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 3586     | 4/28/99     | GW06388TE | trans-1,3-DICHLOROPROPENE      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 3586     | 4/28/99     | GW06388TE | TRICHLOROETHENE                | 0.1    | UG/L  | J        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 3586     | 4/28/99     | GW06388TE | TRICHLOROFLUOROMETHANE         | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 3586     | 4/28/99     | GW06388TE | VINYL CHLORIDE                 | 0.5    | UG/L  | J        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| 3586     | 4/28/99     | GW06389TE | 1,1,1,2-TETRACHLOROETHANE      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | DUP     |
| 3586     | 4/28/99     | GW06389TE | 1,1,1-TRICHLOROETHANE          | 0.2    | UG/L  | J        | 1       | 1    | V1    | TR1         | Plume Extent   | DUP     |
| 3586     | 4/28/99     | GW06389TE | 1,1,2,2-TETRACHLOROETHANE      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | DUP     |
| 3586     | 4/28/99     | GW06389TE | 1,1,2-TRICHLOROETHANE          | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | DUP     |
| 3586     | 4/28/99     | GW06389TE | 1,1-DICHLOROETHANE             | 9      | UG/L  |          | 1       | 1    | V1    | TR1         | Plume Extent   | DUP     |
| 3586     | 4/28/99     | GW06389TE | 1,1-DICHLOROETHENE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | DUP     |
| 3586     | 4/28/99     | GW06389TE | 1,1-DICHLOROPROPENE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | DUP     |
| 3586     | 4/28/99     | GW06389TE | 1,2,3-TRICHLOROBENZENE         | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | DUP     |
| 3586     | 4/28/99     | GW06389TE | 1,2,3-TRICHLOROPROPANE         | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | DUP     |
| 3586     | 4/28/99     | GW06389TE | 1,2,4-TRICHLOROBENZENE         | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | DUP     |
| 3586     | 4/28/99     | GW06389TE | 1,2-DIBROMOETHANE              | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | DUP     |
| 3586     | 4/28/99     | GW06389TE | 1,2-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | DUP     |
| 3586     | 4/28/99     | GW06389TE | 1,2-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | DUP     |
| 3586     | 4/28/99     | GW06389TE | 1,3-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | DUP     |
| 3586     | 4/28/99     | GW06389TE | 1,4-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | DUP     |
| 3586     | 4/28/99     | GW06389TE | 2,2-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | DUP     |

## Appendix A: Groundwater Analytical Data - VOCs

Second Quarter 1999

| Location | Sample Date | Sample # | Analyte                                  | Result | Units | Lab Qual | Det Lim | Dilu | Valid | Result Type | IMP Well Class | QC Type |
|----------|-------------|----------|--|--------|-------|----------|---------|------|-------|-------------|----------------|---------|
|          | 3586        | 4/28/99  | GW06389TE 4-ISOPROPYLtoluene             | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | DUP     |
|          | 3586        | 4/28/99  | GW06389TE BENZENE                        | 0.1    | UG/L  | J        | 1       | 1    | J1    | TR1         | Plume Extent   | DUP     |
|          | 3586        | 4/28/99  | GW06389TE BENZENE, 1,2,4-TRIMETHYL       | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | DUP     |
|          | 3586        | 4/28/99  | GW06389TE BENZENE, 1,3,5-TRIMETHYL-      | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | DUP     |
|          | 3586        | 4/28/99  | GW06389TE BROMOBENZENE                   | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | DUP     |
|          | 3586        | 4/28/99  | GW06389TE BROMOCHLOROMETHANE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | DUP     |
|          | 3586        | 4/28/99  | GW06389TE BROMODICHLOROMETHANE           | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | DUP     |
|          | 3586        | 4/28/99  | GW06389TE BROMOFORM                      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | DUP     |
|          | 3586        | 4/28/99  | GW06389TE BROMOMETHANE                   | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | DUP     |
|          | 3586        | 4/28/99  | GW06389TE CARBON TETRACHLORIDE           | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | DUP     |
|          | 3586        | 4/28/99  | GW06389TE CHLOROBENZENE                  | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | DUP     |
|          | 3586        | 4/28/99  | GW06389TE CHLOROETHANE                   | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | DUP     |
|          | 3586        | 4/28/99  | GW06389TE CHLOROFORM                     | 0.2    | UG/L  | J        | 1       | 1    | V1    | TR1         | Plume Extent   | DUP     |
|          | 3586        | 4/28/99  | GW06389TE CHLOROMETHANE                  | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | DUP     |
|          | 3586        | 4/28/99  | GW06389TE cis-1,2-DICHLOROETHENE         | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | DUP     |
|          | 3586        | 4/28/99  | GW06389TE cis-1,3-DICHLOROPROPENE        | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | DUP     |
|          | 3586        | 4/28/99  | GW06389TE DIBROMOCHLOROMETHANE           | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | DUP     |
|          | 3586        | 4/28/99  | GW06389TE DIBROMOMETHANE                 | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | DUP     |
|          | 3586        | 4/28/99  | GW06389TE DICHLORODIFLUOROMETHANE        | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | DUP     |
|          | 3586        | 4/28/99  | GW06389TE ETHYLBENZENE                   | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | DUP     |
|          | 3586        | 4/28/99  | GW06389TE HEXACHLOROBUTADIENE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | DUP     |
|          | 3586        | 4/28/99  | GW06389TE ISOPROPYLBENZENE               | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | DUP     |
|          | 3586        | 4/28/99  | GW06389TE METHYLENE CHLORIDE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | DUP     |
|          | 3586        | 4/28/99  | GW06389TE NAPHTHALENE                    | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | DUP     |
|          | 3586        | 4/28/99  | GW06389TE n-BUTYLBENZENE                 | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | DUP     |
|          | 3586        | 4/28/99  | GW06389TE n-PROPYLBENZENE                | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | DUP     |
|          | 3586        | 4/28/99  | GW06389TE o-CHLOROTOLUENE                | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | DUP     |
|          | 3586        | 4/28/99  | GW06389TE p-CHLOROTOLUENE                | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | DUP     |
|          | 3586        | 4/28/99  | GW06389TE PROPANE, 1,2-DIBROMO-3-CHLORO- | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | DUP     |
|          | 3586        | 4/28/99  | GW06389TE sec-BUTYLBENZENE               | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | DUP     |
|          | 3586        | 4/28/99  | GW06389TE STYRENE                        | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | DUP     |
|          | 3586        | 4/28/99  | GW06389TE tert-BUTYLBENZENE              | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | DUP     |
|          | 3586        | 4/28/99  | GW06389TE TETRACHLOROETHENE              | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | DUP     |
|          | 3586        | 4/28/99  | GW06389TE TOLUENE                        | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | DUP     |
|          | 3586        | 4/28/99  | GW06389TE TOTAL XYLEMES                  | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | DUP     |
|          | 3586        | 4/28/99  | GW06389TE trans-1,2-DICHLOROETHENE       | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | DUP     |
|          | 3586        | 4/28/99  | GW06389TE trans-1,3-DICHLOROPROPENE      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | DUP     |
|          | 3586        | 4/28/99  | GW06389TE TRICHLOROETHENE                | 0.1    | UG/L  | J        | 1       | 1    | V1    | TR1         | Plume Extent   | DUP     |
|          | 3586        | 4/28/99  | GW06389TE TRICHLOROFLUOROMETHANE         | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | DUP     |
|          | 3586        | 4/28/99  | GW06389TE VINYL CHLORIDE                 | 0.6    | UG/L  | J        | 1       | 1    | V1    | TR1         | Plume Extent   | DUP     |
|          | 3586        | 4/28/99  | GW06390TE 1,1,1,2-TETRACHLOROETHANE      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | RNS     |
|          | 3586        | 4/28/99  | GW06390TE 1,1,1-TRICHLOROETHANE          | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | RNS     |
|          | 3586        | 4/28/99  | GW06390TE 1,1,2,2-TETRACHLOROETHANE      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | RNS     |
|          | 3586        | 4/28/99  | GW06390TE 1,1,2-TRICHLOROETHANE          | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | RNS     |
|          | 3586        | 4/28/99  | GW06390TE 1,1-DICHLOROETHANE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | RNS     |
|          | 3586        | 4/28/99  | GW06390TE 1,1-DICHLOROETHENE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | RNS     |
|          | 3586        | 4/28/99  | GW06390TE 1,1-DICHLOROPROPENE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | RNS     |
|          | 3586        | 4/28/99  | GW06390TE 1,2,3-TRICHLOROBENZENE         | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | RNS     |
|          | 3586        | 4/28/99  | GW06390TE 1,2,3-TRICHLOROPROPANE         | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | RNS     |
|          | 3586        | 4/28/99  | GW06390TE 1,2,4-TRICHLOROBENZENE         | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | RNS     |
|          | 3586        | 4/28/99  | GW06390TE 1,2-DIBROMOETHANE              | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | RNS     |
|          | 3586        | 4/28/99  | GW06390TE 1,2-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | RNS     |
|          | 3586        | 4/28/99  | GW06390TE 1,2-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | RNS     |
|          | 3586        | 4/28/99  | GW06390TE 1,3-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | RNS     |
|          | 3586        | 4/28/99  | GW06390TE 1,3-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | RNS     |
|          | 3586        | 4/28/99  | GW06390TE 1,4-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | RNS     |
|          | 3586        | 4/28/99  | GW06390TE 2,2-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | RNS     |
|          | 3586        | 4/28/99  | GW06390TE 4-ISOPROPYLtoluene             | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | RNS     |
|          | 3586        | 4/28/99  | GW06390TE BENZENE                        | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | RNS     |
|          | 3586        | 4/28/99  | GW06390TE BENZENE, 1,2,4-TRIMETHYL       | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | RNS     |
|          | 3586        | 4/28/99  | GW06390TE BENZENE, 1,3,5-TRIMETHYL-      | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | RNS     |
|          | 3586        | 4/28/99  | GW06390TE BROMOBENZENE                   | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | RNS     |
|          | 3586        | 4/28/99  | GW06390TE BROMOCHLOROMETHANE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | RNS     |
|          | 3586        | 4/28/99  | GW06390TE BROMODICHLOROMETHANE           | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | RNS     |
|          | 3586        | 4/28/99  | GW06390TE BROMOFORM                      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | RNS     |

## Appendix A: Groundwater Analytical Data - VOCs

Second Quarter 1999

| Location | Sample Date | Sample # | Analyte   | Result                         | Units | Lab Qual | Det Lim | Dilu | Valid | Result Type | IMP Well Class | QC Type         |      |
|----------|-------------|----------|-----------|--------------------------------|-------|----------|---------|------|-------|-------------|----------------|-----------------|------|
|          | 3586        | 4/28/99  | GW06390TE | BROMOFORM                      | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Plume Extent.   | RNS  |
|          | 3586        | 4/28/99  | GW06390TE | BROMOMETHANE                   | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Plume Extent    | RNS  |
|          | 3586        | 4/28/99  | GW06390TE | CARBON TETRACHLORIDE           | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Plume Extent    | RNS  |
|          | 3586        | 4/28/99  | GW06390TE | CHLOROBENZENE                  | 1     | UG/L     | U       | 1    | 1     | UJ1         | TR1            | Plume Extent    | RNS  |
|          | 3586        | 4/28/99  | GW06390TE | CHLOROETHANE                   | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Plume Extent    | RNS  |
|          | 3586        | 4/28/99  | GW06390TE | CHLOROFORM                     | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Plume Extent    | RNS  |
|          | 3586        | 4/28/99  | GW06390TE | CHLOROMETHANE                  | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Plume Extent    | RNS  |
|          | 3586        | 4/28/99  | GW06390TE | cis-1,2-DICHLOROETHENE         | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Plume Extent    | RNS  |
|          | 3586        | 4/28/99  | GW06390TE | cis-1,3-DICHLOROPROPENE        | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Plume Extent    | RNS  |
|          | 3586        | 4/28/99  | GW06390TE | DIBROMOCHLOROMETHANE           | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Plume Extent    | RNS  |
|          | 3586        | 4/28/99  | GW06390TE | DIBROMOMETHANE                 | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Plume Extent    | RNS  |
|          | 3586        | 4/28/99  | GW06390TE | DICHLORODIFLUOROMETHANE        | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Plume Extent    | RNS  |
|          | 3586        | 4/28/99  | GW06390TE | ETHYLBENZENE                   | 1     | UG/L     | U       | 1    | 1     | UJ1         | TR1            | Plume Extent    | RNS  |
|          | 3586        | 4/28/99  | GW06390TE | HEXACHLOROBUTADIENE            | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Plume Extent    | RNS  |
|          | 3586        | 4/28/99  | GW06390TE | ISOPROPYLBENZENE               | 1     | UG/L     | U       | 1    | 1     | UJ1         | TR1            | Plume Extent    | RNS  |
|          | 3586        | 4/28/99  | GW06390TE | METHYLENE CHLORIDE             | 0.1   | UG/L     | BJ      | 1    | 1     | JB1         | TR1            | Plume Extent    | RNS  |
|          | 3586        | 4/28/99  | GW06390TE | NAPHTHALENE                    | 1     | UG/L     | U       | 1    | 1     | UJ1         | TR1            | Plume Extent    | RNS  |
|          | 3586        | 4/28/99  | GW06390TE | n-BUTYLBENZENE                 | 1     | UG/L     | U       | 1    | 1     | UJ1         | TR1            | Plume Extent    | RNS  |
|          | 3586        | 4/28/99  | GW06390TE | n-PROPYLBENZENE                | 1     | UG/L     | U       | 1    | 1     | UJ1         | TR1            | Plume Extent    | RNS  |
|          | 3586        | 4/28/99  | GW06390TE | o-CHLOROTOLUENE                | 1     | UG/L     | U       | 1    | 1     | UJ1         | TR1            | Plume Extent    | RNS  |
|          | 3586        | 4/28/99  | GW06390TE | p-CHLOROTOLUENE                | 1     | UG/L     | U       | 1    | 1     | UJ1         | TR1            | Plume Extent    | RNS  |
|          | 3586        | 4/28/99  | GW06390TE | PROPANE, 1,2-DIBROMO-3-CHLORO- | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Plume Extent    | RNS  |
|          | 3586        | 4/28/99  | GW06390TE | sec-BUTYLBENZENE               | 1     | UG/L     | U       | 1    | 1     | UJ1         | TR1            | Plume Extent    | RNS  |
|          | 3586        | 4/28/99  | GW06390TE | STYRENE                        | 1     | UG/L     | U       | 1    | 1     | UJ1         | TR1            | Plume Extent    | RNS  |
|          | 3586        | 4/28/99  | GW06390TE | tert-BUTYLBENZENE              | 1     | UG/L     | U       | 1    | 1     | UJ1         | TR1            | Plume Extent    | RNS  |
|          | 3586        | 4/28/99  | GW06390TE | TETRACHLOROETHENE              | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Plume Extent    | RNS  |
|          | 3586        | 4/28/99  | GW06390TE | TOLUENE                        | 1     | UG/L     | U       | 1    | 1     | UJ1         | TR1            | Plume Extent    | RNS  |
|          | 3586        | 4/28/99  | GW06390TE | TOTAL XYLEMES                  | 1     | UG/L     | U       | 1    | 1     | UJ1         | TR1            | Plume Extent    | RNS  |
|          | 3586        | 4/28/99  | GW06390TE | trans-1,2-DICHLOROETHENE       | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Plume Extent    | RNS  |
|          | 3586        | 4/28/99  | GW06390TE | trans-1,3-DICHLOROPROPENE      | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Plume Extent    | RNS  |
|          | 3586        | 4/28/99  | GW06390TE | TRICHLOROETHENE                | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Plume Extent    | RNS  |
|          | 3586        | 4/28/99  | GW06390TE | TRICHLOROFUOROMETHANE          | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Plume Extent    | RNS  |
|          | 3586        | 4/28/99  | GW06390TE | VINYL CHLORIDE                 | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | Plume Extent    | RNS  |
|          | 3687        | 4/28/99  | GW06339TE | 1,1,1,2-TETRACHLOROETHANE      | 1000  | UG/L     | U       | 1000 | 1000  | V1          | TR1            | Perf Monitoring | REAL |
|          | 3687        | 4/28/99  | GW06339TE | 1,1,1-TRICHLOROETHANE          | 1000  | UG/L     | U       | 1000 | 1000  | V1          | TR1            | Perf Monitoring | REAL |
|          | 3687        | 4/28/99  | GW06339TE | 1,1,2,2-TETRACHLOROETHANE      | 1000  | UG/L     | U       | 1000 | 1000  | V1          | TR1            | Perf Monitoring | REAL |
|          | 3687        | 4/28/99  | GW06339TE | 1,1,2-TRICHLOROETHANE          | 1000  | UG/L     | U       | 1000 | 1000  | V1          | TR1            | Perf Monitoring | REAL |
|          | 3687        | 4/28/99  | GW06339TE | 1,1-DICHLOROETHANE             | 1000  | UG/L     | U       | 1000 | 1000  | V1          | TR1            | Perf Monitoring | REAL |
|          | 3687        | 4/28/99  | GW06339TE | 1,1-DICHLOROETHENE             | 1000  | UG/L     | U       | 1000 | 1000  | V1          | TR1            | Perf Monitoring | REAL |
|          | 3687        | 4/28/99  | GW06339TE | 1,1-DICHLOROPROPENE            | 1000  | UG/L     | U       | 1000 | 1000  | V1          | TR1            | Perf Monitoring | REAL |
|          | 3687        | 4/28/99  | GW06339TE | 1,2,3-TRICHLOROBENZENE         | 1000  | UG/L     | U       | 1000 | 1000  | UJ1         | TR1            | Perf Monitoring | REAL |
|          | 3687        | 4/28/99  | GW06339TE | 1,2,3-TRICHLOROPROPANE         | 1000  | UG/L     | U       | 1000 | 1000  | V1          | TR1            | Perf Monitoring | REAL |
|          | 3687        | 4/28/99  | GW06339TE | 1,2,4-TRICHLOROBENZENE         | 1000  | UG/L     | U       | 1000 | 1000  | UJ1         | TR1            | Perf Monitoring | REAL |
|          | 3687        | 4/28/99  | GW06339TE | 1,2-DIBROMOETHANE              | 1000  | UG/L     | U       | 1000 | 1000  | V1          | TR1            | Perf Monitoring | REAL |
|          | 3687        | 4/28/99  | GW06339TE | 1,2-DICHLOROBENZENE            | 1000  | UG/L     | U       | 1000 | 1000  | UJ1         | TR1            | Perf Monitoring | REAL |
|          | 3687        | 4/28/99  | GW06339TE | 1,2-DICHLOROPROPANE            | 1000  | UG/L     | U       | 1000 | 1000  | V1          | TR1            | Perf Monitoring | REAL |
|          | 3687        | 4/28/99  | GW06339TE | 1,3-DICHLOROBENZENE            | 1000  | UG/L     | U       | 1000 | 1000  | UJ1         | TR1            | Perf Monitoring | REAL |
|          | 3687        | 4/28/99  | GW06339TE | 1,3-DICHLOROPROPANE            | 1000  | UG/L     | U       | 1000 | 1000  | V1          | TR1            | Perf Monitoring | REAL |
|          | 3687        | 4/28/99  | GW06339TE | 1,4-DICHLOROBENZENE            | 1000  | UG/L     | U       | 1000 | 1000  | UJ1         | TR1            | Perf Monitoring | REAL |
|          | 3687        | 4/28/99  | GW06339TE | 2,2-DICHLOROPROPANE            | 1000  | UG/L     | U       | 1000 | 1000  | V1          | TR1            | Perf Monitoring | REAL |
|          | 3687        | 4/28/99  | GW06339TE | 4-ISOPROPYLtoluene             | 1000  | UG/L     | U       | 1000 | 1000  | UJ1         | TR1            | Perf Monitoring | REAL |
|          | 3687        | 4/28/99  | GW06339TE | BENZENE                        | 1000  | UG/L     | U       | 1000 | 1000  | UJ1         | TR1            | Perf Monitoring | REAL |
|          | 3687        | 4/28/99  | GW06339TE | BENZENE, 1,2,4-TRIMETHYL-      | 1000  | UG/L     | U       | 1000 | 1000  | UJ1         | TR1            | Perf Monitoring | REAL |
|          | 3687        | 4/28/99  | GW06339TE | BROMOBENZENE                   | 1000  | UG/L     | U       | 1000 | 1000  | UJ1         | TR1            | Perf Monitoring | REAL |
|          | 3687        | 4/28/99  | GW06339TE | BROMOCHLOROMETHANE             | 1000  | UG/L     | U       | 1000 | 1000  | V1          | TR1            | Perf Monitoring | REAL |
|          | 3687        | 4/28/99  | GW06339TE | BROMODICHLOROMETHANE           | 1000  | UG/L     | U       | 1000 | 1000  | V1          | TR1            | Perf Monitoring | REAL |
|          | 3687        | 4/28/99  | GW06339TE | BROMOFORM                      | 1000  | UG/L     | U       | 1000 | 1000  | V1          | TR1            | Perf Monitoring | REAL |
|          | 3687        | 4/28/99  | GW06339TE | BROMOMETHANE                   | 1000  | UG/L     | U       | 1000 | 1000  | V1          | TR1            | Perf Monitoring | REAL |
|          | 3687        | 4/28/99  | GW06339TE | CARBON TETRACHLORIDE           | 1000  | UG/L     | U       | 1000 | 1000  | V1          | TR1            | Perf Monitoring | REAL |
|          | 3687        | 4/28/99  | GW06339TE | CHLOROBENZENE                  | 1000  | UG/L     | U       | 1000 | 1000  | UJ1         | TR1            | Perf Monitoring | REAL |
|          | 3687        | 4/28/99  | GW06339TE | CHLOROETHANE                   | 1000  | UG/L     | U       | 1000 | 1000  | V1          | TR1            | Perf Monitoring | REAL |
|          | 3687        | 4/28/99  | GW06339TE | CHLOROFORM                     | 280   | UG/L     | J       | 1000 | 1000  | V1          | TR1            | Perf Monitoring | REAL |
|          | 3687        | 4/28/99  | GW06339TE | CHLOROMETHANE                  | 1000  | UG/L     | U       | 1000 | 1000  | V1          | TR1            | Perf Monitoring | REAL |

## Appendix A: Groundwater Analytical Data - VOCs

Second Quarter 1999

| Location | Sample Date | Sample # | Analyte   | Result                         | Units | Lab Qual | Det Lim | Dilu | Valid | Result Type | IMP Well Class | QC Type         |      |
|----------|-------------|----------|-----------|--------------------------------|-------|----------|---------|------|-------|-------------|----------------|-----------------|------|
|          | 3687        | 4/28/99  | GW06339TE | cis-1,2-DICHLOROETHENE         | 1000  | UG/L     | U       | 1000 | 1000  | V1          | TR1            | Perf Monitoring | REAL |
|          | 3687        | 4/28/99  | GW06339TE | cis-1,3-DICHLOROPROPENE        | 1000  | UG/L     | U       | 1000 | 1000  | V1          | TR1            | Perf Monitoring | REAL |
|          | 3687        | 4/28/99  | GW06339TE | DIBROMOCHLOROMETHANE           | 1000  | UG/L     | U       | 1000 | 1000  | V1          | TR1            | Perf Monitoring | REAL |
|          | 3687        | 4/28/99  | GW06339TE | DIBROMOMETHANE                 | 1000  | UG/L     | U       | 1000 | 1000  | V1          | TR1            | Perf Monitoring | REAL |
|          | 3687        | 4/28/99  | GW06339TE | DICHLORODIFLUOROMETHANE        | 1000  | UG/L     | U       | 1000 | 1000  | V1          | TR1            | Perf Monitoring | REAL |
|          | 3687        | 4/28/99  | GW06339TE | ETHYLBENZENE                   | 1000  | UG/L     | U       | 1000 | 1000  | UJ1         | TR1            | Perf Monitoring | REAL |
|          | 3687        | 4/28/99  | GW06339TE | HEXACHLOROBUTADIENE            | 1000  | UG/L     | U       | 1000 | 1000  | V1          | TR1            | Perf Monitoring | REAL |
|          | 3687        | 4/28/99  | GW06339TE | ISOPROPYLBENZENE               | 1000  | UG/L     | U       | 1000 | 1000  | UJ1         | TR1            | Perf Monitoring | REAL |
|          | 3687        | 4/28/99  | GW06339TE | METHYLENE CHLORIDE             | 300   | UG/L     | BJ      | 1000 | 1000  | JB1         | TR1            | Perf Monitoring | REAL |
|          | 3687        | 4/28/99  | GW06339TE | NAPHTHALENE                    | 1000  | UG/L     | U       | 1000 | 1000  | UJ1         | TR1            | Perf Monitoring | REAL |
|          | 3687        | 4/28/99  | GW06339TE | n-BUTYLBENZENE                 | 1000  | UG/L     | U       | 1000 | 1000  | UJ1         | TR1            | Perf Monitoring | REAL |
|          | 3687        | 4/28/99  | GW06339TE | n-PROPYLBENZENE                | 1000  | UG/L     | U       | 1000 | 1000  | UJ1         | TR1            | Perf Monitoring | REAL |
|          | 3687        | 4/28/99  | GW06339TE | o-CHLOROTOLUENE                | 1000  | UG/L     | U       | 1000 | 1000  | UJ1         | TR1            | Perf Monitoring | REAL |
|          | 3687        | 4/28/99  | GW06339TE | p-CHLOROTOLUENE                | 1000  | UG/L     | U       | 1000 | 1000  | UJ1         | TR1            | Perf Monitoring | REAL |
|          | 3687        | 4/28/99  | GW06339TE | PROPANE, 1,2-DIBROMO-3-CHLORO- | 1000  | UG/L     | U       | 1000 | 1000  | R1          | TR1            | Perf Monitoring | REAL |
|          | 3687        | 4/28/99  | GW06339TE | sec-BUTYLBENZENE               | 1000  | UG/L     | U       | 1000 | 1000  | UJ1         | TR1            | Perf Monitoring | REAL |
|          | 3687        | 4/28/99  | GW06339TE | STYRENE                        | 1000  | UG/L     | U       | 1000 | 1000  | UJ1         | TR1            | Perf Monitoring | REAL |
|          | 3687        | 4/28/99  | GW06339TE | tert-BUTYLBENZENE              | 1000  | UG/L     | U       | 1000 | 1000  | UJ1         | TR1            | Perf Monitoring | REAL |
|          | 3687        | 4/28/99  | GW06339TE | TETRACHLOROETHENE              | 300   | UG/L     | J       | 1000 | 1000  | V1          | TR1            | Perf Monitoring | REAL |
|          | 3687        | 4/28/99  | GW06339TE | TOLUENE                        | 1000  | UG/L     | U       | 1000 | 1000  | UJ1         | TR1            | Perf Monitoring | REAL |
|          | 3687        | 4/28/99  | GW06339TE | TOTAL XYLEMES                  | 1000  | UG/L     | U       | 1000 | 1000  | UJ1         | TR1            | Perf Monitoring | REAL |
|          | 3687        | 4/28/99  | GW06339TE | trans-1,2-DICHLOROETHENE       | 1000  | UG/L     | U       | 1000 | 1000  | V1          | TR1            | Perf Monitoring | REAL |
|          | 3687        | 4/28/99  | GW06339TE | trans-1,3-DICHLOROPROPENE      | 1000  | UG/L     | U       | 1000 | 1000  | V1          | TR1            | Perf Monitoring | REAL |
|          | 3687        | 4/28/99  | GW06339TE | TRICHLOROETHENE                | 18000 | UG/L     |         | 1000 | 1000  | V1          | TR1            | Perf Monitoring | REAL |
|          | 3687        | 4/28/99  | GW06339TE | TRICHLOROFUOROMETHANE          | 1000  | UG/L     | U       | 1000 | 1000  | V1          | TR1            | Perf Monitoring | REAL |
|          | 3687        | 4/28/99  | GW06339TE | VINYL CHLORIDE                 | 1000  | UG/L     | U       | 1000 | 1000  | V1          | TR1            | Perf Monitoring | REAL |
|          | 4087        | 5/5/99   | GW06391TE | 1,1,1,2-TETRACHLOROETHANE      | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | RCRA            | REAL |
|          | 4087        | 5/5/99   | GW06391TE | 1,1,1-TRICHLOROETHANE          | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | RCRA            | REAL |
|          | 4087        | 5/5/99   | GW06391TE | 1,1,2,2-TETRACHLOROETHANE      | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | RCRA            | REAL |
|          | 4087        | 5/5/99   | GW06391TE | 1,1,2-TRICHLOROETHANE          | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | RCRA            | REAL |
|          | 4087        | 5/5/99   | GW06391TE | 1,1-DICHLOROETHANE             | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | RCRA            | REAL |
|          | 4087        | 5/5/99   | GW06391TE | 1,1-DICHLOROETHENE             | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | RCRA            | REAL |
|          | 4087        | 5/5/99   | GW06391TE | 1,1-DICHLOROPROPENE            | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | RCRA            | REAL |
|          | 4087        | 5/5/99   | GW06391TE | 1,2,3-TRICHLOROBENZENE         | 1     | UG/L     | U       | 1    | 1     | UJ1         | TR1            | RCRA            | REAL |
|          | 4087        | 5/5/99   | GW06391TE | 1,2,3-TRICHLOROPROPANE         | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | RCRA            | REAL |
|          | 4087        | 5/5/99   | GW06391TE | 1,2,4-TRICHLOROBENZENE         | 1     | UG/L     | U       | 1    | 1     | UJ1         | TR1            | RCRA            | REAL |
|          | 4087        | 5/5/99   | GW06391TE | 1,2-DIBROMOETHANE              | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | RCRA            | REAL |
|          | 4087        | 5/5/99   | GW06391TE | 1,2-DICHLOROBENZENE            | 1     | UG/L     | U       | 1    | 1     | UJ1         | TR1            | RCRA            | REAL |
|          | 4087        | 5/5/99   | GW06391TE | 1,2-DICHLOROPROPANE            | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | RCRA            | REAL |
|          | 4087        | 5/5/99   | GW06391TE | 1,3-DICHLOROBENZENE            | 1     | UG/L     | U       | 1    | 1     | UJ1         | TR1            | RCRA            | REAL |
|          | 4087        | 5/5/99   | GW06391TE | 1,3-DICHLOROPROPANE            | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | RCRA            | REAL |
|          | 4087        | 5/5/99   | GW06391TE | 1,4-DICHLOROBENZENE            | 1     | UG/L     | U       | 1    | 1     | UJ1         | TR1            | RCRA            | REAL |
|          | 4087        | 5/5/99   | GW06391TE | 2,2-DICHLOROPROPANE            | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | RCRA            | REAL |
|          | 4087        | 5/5/99   | GW06391TE | 4-ISOPROPYLTOULUENE            | 1     | UG/L     | U       | 1    | 1     | UJ1         | TR1            | RCRA            | REAL |
|          | 4087        | 5/5/99   | GW06391TE | BENZENE                        | 1     | UG/L     | U       | 1    | 1     | UJ1         | TR1            | RCRA            | REAL |
|          | 4087        | 5/5/99   | GW06391TE | BENZENE, 1,2,4-TRIMETHYL       | 1     | UG/L     | U       | 1    | 1     | UJ1         | TR1            | RCRA            | REAL |
|          | 4087        | 5/5/99   | GW06391TE | BENZENE, 1,3,5-TRIMETHYL       | 1     | UG/L     | U       | 1    | 1     | UJ1         | TR1            | RCRA            | REAL |
|          | 4087        | 5/5/99   | GW06391TE | BROMOBENZENE                   | 1     | UG/L     | U       | 1    | 1     | UJ1         | TR1            | RCRA            | REAL |
|          | 4087        | 5/5/99   | GW06391TE | BROMOCHLOROMETHANE             | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | RCRA            | REAL |
|          | 4087        | 5/5/99   | GW06391TE | BROMODICHLOROMETHANE           | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | RCRA            | REAL |
|          | 4087        | 5/5/99   | GW06391TE | BROMOFORM                      | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | RCRA            | REAL |
|          | 4087        | 5/5/99   | GW06391TE | BROMOMETHANE                   | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | RCRA            | REAL |
|          | 4087        | 5/5/99   | GW06391TE | CARBON TETRACHLORIDE           | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | RCRA            | REAL |
|          | 4087        | 5/5/99   | GW06391TE | CHLOROBENZENE                  | 1     | UG/L     | U       | 1    | 1     | UJ1         | TR1            | RCRA            | REAL |
|          | 4087        | 5/5/99   | GW06391TE | CHLOROETHANE                   | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | RCRA            | REAL |
|          | 4087        | 5/5/99   | GW06391TE | CHLOROFORM                     | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | RCRA            | REAL |
|          | 4087        | 5/5/99   | GW06391TE | CHLOROMETHANE                  | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | RCRA            | REAL |
|          | 4087        | 5/5/99   | GW06391TE | cis-1,2-DICHLOROETHENE         | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | RCRA            | REAL |
|          | 4087        | 5/5/99   | GW06391TE | cis-1,3-DICHLOROPROPENE        | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | RCRA            | REAL |
|          | 4087        | 5/5/99   | GW06391TE | DIBROMOCHLOROMETHANE           | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | RCRA            | REAL |
|          | 4087        | 5/5/99   | GW06391TE | DIBROMOMETHANE                 | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | RCRA            | REAL |
|          | 4087        | 5/5/99   | GW06391TE | DICHLORODIFLUOROMETHANE        | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | RCRA            | REAL |
|          | 4087        | 5/5/99   | GW06391TE | ETHYLBENZENE                   | 1     | UG/L     | U       | 1    | 1     | UJ1         | TR1            | RCRA            | REAL |
|          | 4087        | 5/5/99   | GW06391TE | HEXAChLOROBUTADIENE            | 1     | UG/L     | U       | 1    | 1     | V1          | TR1            | RCRA            | REAL |

## Appendix A: Groundwater Analytical Data - VOCs

Second Quarter 1999

| Location | Sample Date | Sample #  | Analyte                        | Result | Units | Lab Qual | Det Lim | Dilu | Valid | Result Type | IMP Well Class | QC Type |
|----------|-------------|-----------|--------------------------------|--------|-------|----------|---------|------|-------|-------------|----------------|---------|
| 4087     | 5/5/99      | GW06391TE | ISOPROPYLBENZENE               | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | REAL    |
| 4087     | 5/5/99      | GW06391TE | METHYLENE CHLORIDE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 4087     | 5/5/99      | GW06391TE | NAPHTHALENE                    | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 4087     | 5/5/99      | GW06391TE | n-BUTYLBENZENE                 | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | REAL    |
| 4087     | 5/5/99      | GW06391TE | n-PROPYLBENZENE                | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | REAL    |
| 4087     | 5/5/99      | GW06391TE | o-CHLOROTOLUENE                | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | REAL    |
| 4087     | 5/5/99      | GW06391TE | p-CHLOROTOLUENE                | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | REAL    |
| 4087     | 5/5/99      | GW06391TE | PROPANE, 1,2-DIBROMO-3-CHLORO- | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 4087     | 5/5/99      | GW06391TE | sec-BUTYLBENZENE               | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | REAL    |
| 4087     | 5/5/99      | GW06391TE | STYRENE                        | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | REAL    |
| 4087     | 5/5/99      | GW06391TE | tert-BUTYLBENZENE              | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | REAL    |
| 4087     | 5/5/99      | GW06391TE | TETRACHLOROETHENE              | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 4087     | 5/5/99      | GW06391TE | TOLUENE                        | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | REAL    |
| 4087     | 5/5/99      | GW06391TE | TOTAL XYLEMES                  | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | REAL    |
| 4087     | 5/5/99      | GW06391TE | trans-1,2-DICHLOROETHENE       | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 4087     | 5/5/99      | GW06391TE | trans-1,3-DICHLOROPROPENE      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 4087     | 5/5/99      | GW06391TE | TRICHLOROETHENE                | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 4087     | 5/5/99      | GW06391TE | TRICHLOROFUOROMETHANE          | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 4087     | 5/5/99      | GW06391TE | VINYL CHLORIDE                 | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 52894    | 5/5/99      | GW06395TE | 1,1,1,2-TETRACHLOROETHANE      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 52894    | 5/5/99      | GW06395TE | 1,1,1-TRICHLOROETHANE          | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 52894    | 5/5/99      | GW06395TE | 1,1,2,2-TETRACHLOROETHANE      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 52894    | 5/5/99      | GW06395TE | 1,1,2-TRICHLOROETHANE          | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 52894    | 5/5/99      | GW06395TE | 1,1-DICHLOROETHANE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 52894    | 5/5/99      | GW06395TE | 1,1-DICHLOROETHENE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 52894    | 5/5/99      | GW06395TE | 1,1-DICHLOROPROPENE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 52894    | 5/5/99      | GW06395TE | 1,2,3-TRICHLOROBENZENE         | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | REAL    |
| 52894    | 5/5/99      | GW06395TE | 1,2,3-TRICHLOROPROPANE         | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 52894    | 5/5/99      | GW06395TE | 1,2,4-TRICHLOROBENZENE         | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | REAL    |
| 52894    | 5/5/99      | GW06395TE | 1,2-DIBROMOETHANE              | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 52894    | 5/5/99      | GW06395TE | 1,2-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | REAL    |
| 52894    | 5/5/99      | GW06395TE | 1,2-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 52894    | 5/5/99      | GW06395TE | 1,3-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | REAL    |
| 52894    | 5/5/99      | GW06395TE | 1,3-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 52894    | 5/5/99      | GW06395TE | 1,4-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | REAL    |
| 52894    | 5/5/99      | GW06395TE | 2,2-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 52894    | 5/5/99      | GW06395TE | 4-ISOPROPYLtolUENE             | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | REAL    |
| 52894    | 5/5/99      | GW06395TE | BENZENE                        | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | REAL    |
| 52894    | 5/5/99      | GW06395TE | BENZENE, 1,2,4-TRIMETHYL       | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | REAL    |
| 52894    | 5/5/99      | GW06395TE | BENZENE, 1,3,5-TRIMETHYL-      | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | REAL    |
| 52894    | 5/5/99      | GW06395TE | BROMOBENZENE                   | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | REAL    |
| 52894    | 5/5/99      | GW06395TE | BROMOCHLOROMETHANE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 52894    | 5/5/99      | GW06395TE | BROMODICHLOROMETHANE           | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 52894    | 5/5/99      | GW06395TE | BROMOFORM                      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 52894    | 5/5/99      | GW06395TE | BROMOMETHANE                   | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 52894    | 5/5/99      | GW06395TE | CARBON TETRACHLORIDE           | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 52894    | 5/5/99      | GW06395TE | CHLOROBENZENE                  | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | REAL    |
| 52894    | 5/5/99      | GW06395TE | CHLOROETHANE                   | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 52894    | 5/5/99      | GW06395TE | CHLOROFORM                     | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 52894    | 5/5/99      | GW06395TE | CHLORMETHANE                   | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 52894    | 5/5/99      | GW06395TE | cis-1,2-DICHLOROETHENE         | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 52894    | 5/5/99      | GW06395TE | cis-1,3-DICHLOROPROPENE        | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 52894    | 5/5/99      | GW06395TE | DIBROMOCHLOROMETHANE           | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 52894    | 5/5/99      | GW06395TE | DIBROMOMETHANE                 | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 52894    | 5/5/99      | GW06395TE | DICHLORODIFLUOROMETHANE        | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 52894    | 5/5/99      | GW06395TE | ETHYLBENZENE                   | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | REAL    |
| 52894    | 5/5/99      | GW06395TE | HEXACHLOROBUTADIENE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 52894    | 5/5/99      | GW06395TE | ISOPROPYLBENZENE               | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | REAL    |
| 52894    | 5/5/99      | GW06395TE | METHYLENE CHLORIDE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 52894    | 5/5/99      | GW06395TE | NAPHTHALENE                    | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 52894    | 5/5/99      | GW06395TE | n-BUTYLBENZENE                 | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | REAL    |
| 52894    | 5/5/99      | GW06395TE | n-PROPYLBENZENE                | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | REAL    |
| 52894    | 5/5/99      | GW06395TE | o-CHLOROTOLUENE                | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | REAL    |
| 52894    | 5/5/99      | GW06395TE | p-CHLOROTOLUENE                | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | REAL    |

## Appendix A: Groundwater Analytical Data - VOCs

Second Quarter 1999

| Location | Sample Date | Sample #  | Analyte                        | Result | Units | Lab Qual | Det Lim | Dilu | Valid | Result Type | IMP Well Class | QC Type |
|----------|-------------|-----------|--------------------------------|--------|-------|----------|---------|------|-------|-------------|----------------|---------|
| 52894    | 5/5/99      | GW06395TE | PROPANE, 1,2-DIBROMO-3-CHLORO- | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 52894    | 5/5/99      | GW06395TE | sec-BUTYLBENZENE               | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | REAL    |
| 52894    | 5/5/99      | GW06395TE | STYRENE                        | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | REAL    |
| 52894    | 5/5/99      | GW06395TE | tert-BUTYLBENZENE              | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | REAL    |
| 52894    | 5/5/99      | GW06395TE | TETRACHLOROETHENE              | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 52894    | 5/5/99      | GW06395TE | TOLUENE                        | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | REAL    |
| 52894    | 5/5/99      | GW06395TE | TOTAL XYLEMES                  | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | REAL    |
| 52894    | 5/5/99      | GW06395TE | trans-1,2-DICHLOROETHENE       | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 52894    | 5/5/99      | GW06395TE | trans-1,3-DICHLOROPROPENE      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 52894    | 5/5/99      | GW06395TE | TRICHLOROETHENE                | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 52894    | 5/5/99      | GW06395TE | TRICHLOROFUOROMETHANE          | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 52894    | 5/5/99      | GW06395TE | VINYL CHLORIDE                 | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 5387     | 4/19/99     | GW06340TE | 1,1,1,2-TETRACHLOROETHANE      | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | Plume Extent   | REAL    |
| 5387     | 4/19/99     | GW06340TE | 1,1,1-TRICHLOROETHANE          | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | Plume Extent   | REAL    |
| 5387     | 4/19/99     | GW06340TE | 1,1,2,2-TETRACHLOROETHANE      | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | Plume Extent   | REAL    |
| 5387     | 4/19/99     | GW06340TE | 1,1,2-TRICHLOROETHANE          | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | Plume Extent   | REAL    |
| 5387     | 4/19/99     | GW06340TE | 1,1-DICHLOROETHANE             | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | Plume Extent   | REAL    |
| 5387     | 4/19/99     | GW06340TE | 1,1-DICHLOROETHENE             | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | Plume Extent   | REAL    |
| 5387     | 4/19/99     | GW06340TE | 1,1-DICHLOROPROPENE            | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | Plume Extent   | REAL    |
| 5387     | 4/19/99     | GW06340TE | 1,2,3-TRICHLOROBENZENE         | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | Plume Extent   | REAL    |
| 5387     | 4/19/99     | GW06340TE | 1,2,3-TRICHLOROPROPANE         | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | Plume Extent   | REAL    |
| 5387     | 4/19/99     | GW06340TE | 1,2,4-TRICHLOROBENZENE         | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | Plume Extent   | REAL    |
| 5387     | 4/19/99     | GW06340TE | 1,2-DIBROMOETHANE              | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | Plume Extent   | REAL    |
| 5387     | 4/19/99     | GW06340TE | 1,2-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | Plume Extent   | REAL    |
| 5387     | 4/19/99     | GW06340TE | 1,2-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | Plume Extent   | REAL    |
| 5387     | 4/19/99     | GW06340TE | 1,3-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | Plume Extent   | REAL    |
| 5387     | 4/19/99     | GW06340TE | 1,3-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | Plume Extent   | REAL    |
| 5387     | 4/19/99     | GW06340TE | 1,4-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | Plume Extent   | REAL    |
| 5387     | 4/19/99     | GW06340TE | 2,2-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | Plume Extent   | REAL    |
| 5387     | 4/19/99     | GW06340TE | 4-ISOPROPYL TOLUENE            | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | Plume Extent   | REAL    |
| 5387     | 4/19/99     | GW06340TE | BENZENE                        | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | Plume Extent   | REAL    |
| 5387     | 4/19/99     | GW06340TE | BENZENE, 1,2,4-TRIMETHYL       | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | Plume Extent   | REAL    |
| 5387     | 4/19/99     | GW06340TE | BENZENE, 1,3,5-TRIMETHYL-      | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | Plume Extent   | REAL    |
| 5387     | 4/19/99     | GW06340TE | BROMOBENZENE                   | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | Plume Extent   | REAL    |
| 5387     | 4/19/99     | GW06340TE | BROMOCHLOROMETHANE             | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | Plume Extent   | REAL    |
| 5387     | 4/19/99     | GW06340TE | BROMODICHLOROMETHANE           | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | Plume Extent   | REAL    |
| 5387     | 4/19/99     | GW06340TE | BROMOFORM                      | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | Plume Extent   | REAL    |
| 5387     | 4/19/99     | GW06340TE | BROMOMETHANE                   | 1      | UG/L  | U        | 1       | 1    | UJ    | TR1         | Plume Extent   | REAL    |
| 5387     | 4/19/99     | GW06340TE | CARBON TETRACHLORIDE           | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | Plume Extent   | REAL    |
| 5387     | 4/19/99     | GW06340TE | CHLOROBENZENE                  | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | Plume Extent   | REAL    |
| 5387     | 4/19/99     | GW06340TE | CHLOROETHANE                   | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | Plume Extent   | REAL    |
| 5387     | 4/19/99     | GW06340TE | CHLOROFORM                     | 0.1    | UG/L  | J        | 1       | 1    | V     | TR1         | Plume Extent   | REAL    |
| 5387     | 4/19/99     | GW06340TE | CHLOROMETHANE                  | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | Plume Extent   | REAL    |
| 5387     | 4/19/99     | GW06340TE | cis-1,2-DICHLOROETHENE         | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | Plume Extent   | REAL    |
| 5387     | 4/19/99     | GW06340TE | cis-1,3-DICHLOROPROPENE        | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | Plume Extent   | REAL    |
| 5387     | 4/19/99     | GW06340TE | DIBROMOCHLOROMETHANE           | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | Plume Extent   | REAL    |
| 5387     | 4/19/99     | GW06340TE | DIBROMOMETHANE                 | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | Plume Extent   | REAL    |
| 5387     | 4/19/99     | GW06340TE | DICHLORODIFLUOROMETHANE        | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | Plume Extent   | REAL    |
| 5387     | 4/19/99     | GW06340TE | ETHYL BENZENE                  | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | Plume Extent   | REAL    |
| 5387     | 4/19/99     | GW06340TE | HEXACHLOROBUTADIENE            | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | Plume Extent   | REAL    |
| 5387     | 4/19/99     | GW06340TE | ISOPROPYL BENZENE              | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | Plume Extent   | REAL    |
| 5387     | 4/19/99     | GW06340TE | METHYLENE CHLORIDE             | 0.8    | UG/L  | JB       | 1       | 1    | JB    | TR1         | Plume Extent   | REAL    |
| 5387     | 4/19/99     | GW06340TE | NAPHTHALENE                    | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | Plume Extent   | REAL    |
| 5387     | 4/19/99     | GW06340TE | n-BUTYL BENZENE                | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | Plume Extent   | REAL    |
| 5387     | 4/19/99     | GW06340TE | n-PROPYLBENZENE                | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | Plume Extent   | REAL    |
| 5387     | 4/19/99     | GW06340TE | o-CHLOROTOLUENE                | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | Plume Extent   | REAL    |
| 5387     | 4/19/99     | GW06340TE | p-CHLOROTOLUENE                | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | Plume Extent   | REAL    |
| 5387     | 4/19/99     | GW06340TE | PROPANE, 1,2-DIBROMO-3-CHLORO- | 1      | UG/L  | U        | 1       | 1    | UJ    | TR1         | Plume Extent   | REAL    |
| 5387     | 4/19/99     | GW06340TE | sec-BUTYLBENZENE               | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | Plume Extent   | REAL    |
| 5387     | 4/19/99     | GW06340TE | STYRENE                        | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | Plume Extent   | REAL    |
| 5387     | 4/19/99     | GW06340TE | tert-BUTYLBENZENE              | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | Plume Extent   | REAL    |
| 5387     | 4/19/99     | GW06340TE | TETRACHLOROETHENE              | 0.2    | UG/L  | J        | 1       | 1    | V     | TR1         | Plume Extent   | REAL    |
| 5387     | 4/19/99     | GW06340TE | TOLUENE                        | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | Plume Extent   | REAL    |
| 5387     | 4/19/99     | GW06340TE | TOTAL XYLEMES                  | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | Plume Extent   | REAL    |

## Appendix A: Groundwater Analytical Data - VOCs

Second Quarter 1999

| Location | Sample Date | Sample #  | Analyte                        | Result | Units | Lab Qual | Det Lim | Dilu | Valid | Result Type | IMP Well Class | QC Type |
|----------|-------------|-----------|--------------------------------|--------|-------|----------|---------|------|-------|-------------|----------------|---------|
| 5387     | 4/19/99     | GW06340TE | trans-1,2-DICHLOROETHENE       | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | Plume Extent   | REAL    |
| 5387     | 4/19/99     | GW06340TE | trans-1,3-DICHLOROPROPENE      | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | Plume Extent   | REAL    |
| 5387     | 4/19/99     | GW06340TE | TRICHLOROETHENE                | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | Plume Extent   | REAL    |
| 5387     | 4/19/99     | GW06340TE | TRICHLOROFLUOROMETHANE         | 0.1    | UG/L  | JB       | 1       | 1    | V     | TR1         | Plume Extent   | REAL    |
| 5387     | 4/19/99     | GW06340TE | VINYL CHLORIDE                 | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | Plume Extent   | REAL    |
| 5587     | 5/10/99     | GW06341TE | 1,1,1,2-TETRACHLOROETHANE      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Drainage       | REAL    |
| 5587     | 5/10/99     | GW06341TE | 1,1,1-TRICHLOROETHANE          | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Drainage       | REAL    |
| 5587     | 5/10/99     | GW06341TE | 1,1,2,2-TETRACHLOROETHANE      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Drainage       | REAL    |
| 5587     | 5/10/99     | GW06341TE | 1,1,2-TRICHLOROETHANE          | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Drainage       | REAL    |
| 5587     | 5/10/99     | GW06341TE | 1,1-DICHLOROETHANE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Drainage       | REAL    |
| 5587     | 5/10/99     | GW06341TE | 1,1-DICHLOROETHENE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Drainage       | REAL    |
| 5587     | 5/10/99     | GW06341TE | 1,1-DICHLOROPROPENE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Drainage       | REAL    |
| 5587     | 5/10/99     | GW06341TE | 1,2,3-TRICHLOROBENZENE         | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Drainage       | REAL    |
| 5587     | 5/10/99     | GW06341TE | 1,2,3-TRICHLOROPROPANE         | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Drainage       | REAL    |
| 5587     | 5/10/99     | GW06341TE | 1,2,4-TRICHLOROBENZENE         | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Drainage       | REAL    |
| 5587     | 5/10/99     | GW06341TE | 1,2-DIBROMOETHANE              | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Drainage       | REAL    |
| 5587     | 5/10/99     | GW06341TE | 1,2-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Drainage       | REAL    |
| 5587     | 5/10/99     | GW06341TE | 1,2-DICHLOROETHANE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Drainage       | REAL    |
| 5587     | 5/10/99     | GW06341TE | 1,2-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Drainage       | REAL    |
| 5587     | 5/10/99     | GW06341TE | 1,3-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Drainage       | REAL    |
| 5587     | 5/10/99     | GW06341TE | 1,3-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Drainage       | REAL    |
| 5587     | 5/10/99     | GW06341TE | 1,4-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Drainage       | REAL    |
| 5587     | 5/10/99     | GW06341TE | 2,2-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Drainage       | REAL    |
| 5587     | 5/10/99     | GW06341TE | 4-ISOPROPYLtoluene             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Drainage       | REAL    |
| 5587     | 5/10/99     | GW06341TE | BENZENE                        | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Drainage       | REAL    |
| 5587     | 5/10/99     | GW06341TE | BENZENE, 1,2,4-TRIMETHYL       | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Drainage       | REAL    |
| 5587     | 5/10/99     | GW06341TE | BENZENE, 1,3,5-TRIMETHYL-      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Drainage       | REAL    |
| 5587     | 5/10/99     | GW06341TE | BROMOBENZENE                   | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Drainage       | REAL    |
| 5587     | 5/10/99     | GW06341TE | BROMOCHLOROMETHANE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Drainage       | REAL    |
| 5587     | 5/10/99     | GW06341TE | BROMODICHLOROMETHANE           | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Drainage       | REAL    |
| 5587     | 5/10/99     | GW06341TE | BROMOFORM                      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Drainage       | REAL    |
| 5587     | 5/10/99     | GW06341TE | BROMOMETHANE                   | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Drainage       | REAL    |
| 5587     | 5/10/99     | GW06341TE | CARBON TETRACHLORIDE           | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Drainage       | REAL    |
| 5587     | 5/10/99     | GW06341TE | CHLOROBENZENE                  | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Drainage       | REAL    |
| 5587     | 5/10/99     | GW06341TE | CHLOROETHANE                   | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Drainage       | REAL    |
| 5587     | 5/10/99     | GW06341TE | CHLOROFORM                     | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Drainage       | REAL    |
| 5587     | 5/10/99     | GW06341TE | CHLOROMETHANE                  | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Drainage       | REAL    |
| 5587     | 5/10/99     | GW06341TE | cis-1,2-DICHLOROETHENE         | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Drainage       | REAL    |
| 5587     | 5/10/99     | GW06341TE | cis-1,3-DICHLOROPROPENE        | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Drainage       | REAL    |
| 5587     | 5/10/99     | GW06341TE | DIBROMOCHLOROMETHANE           | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Drainage       | REAL    |
| 5587     | 5/10/99     | GW06341TE | DIBROMOMETHANE                 | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Drainage       | REAL    |
| 5587     | 5/10/99     | GW06341TE | DICHLORODIFLUOROMETHANE        | 1      | UG/L  | U        | 1       | 1    | J1    | TR1         | Drainage       | REAL    |
| 5587     | 5/10/99     | GW06341TE | ETHYLBENZENE                   | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Drainage       | REAL    |
| 5587     | 5/10/99     | GW06341TE | HEXACHLOROBUTADIENE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Drainage       | REAL    |
| 5587     | 5/10/99     | GW06341TE | ISOPROPYLBENZENE               | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Drainage       | REAL    |
| 5587     | 5/10/99     | GW06341TE | METHYLENE CHLORIDE             | 1      | UG/L  | U        | 1       | 1    | J1    | TR1         | Drainage       | REAL    |
| 5587     | 5/10/99     | GW06341TE | NAPHTHALENE                    | 1      | UG/L  | U        | 1       | 1    | J1    | TR1         | Drainage       | REAL    |
| 5587     | 5/10/99     | GW06341TE | n-BUTYLBENZENE                 | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Drainage       | REAL    |
| 5587     | 5/10/99     | GW06341TE | n-PROPYLBENZENE                | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Drainage       | REAL    |
| 5587     | 5/10/99     | GW06341TE | o-CHLOROTOLUENE                | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Drainage       | REAL    |
| 5587     | 5/10/99     | GW06341TE | p-CHLOROTOLUENE                | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Drainage       | REAL    |
| 5587     | 5/10/99     | GW06341TE | PROPANE, 1,2-DIBROMO-3-CHLORO- | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Drainage       | REAL    |
| 5587     | 5/10/99     | GW06341TE | sec-BUTYLBENZENE               | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Drainage       | REAL    |
| 5587     | 5/10/99     | GW06341TE | STYRENE                        | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Drainage       | REAL    |
| 5587     | 5/10/99     | GW06341TE | tert-BUTYLBENZENE              | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Drainage       | REAL    |
| 5587     | 5/10/99     | GW06341TE | TETRACHLOROETHENE              | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Drainage       | REAL    |
| 5587     | 5/10/99     | GW06341TE | TOLUENE                        | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Drainage       | REAL    |
| 5587     | 5/10/99     | GW06341TE | TOTAL XYLEMES                  | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Drainage       | REAL    |
| 5587     | 5/10/99     | GW06341TE | trans-1,2-DICHLOROETHENE       | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Drainage       | REAL    |
| 5587     | 5/10/99     | GW06341TE | trans-1,3-DICHLOROPROPENE      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Drainage       | REAL    |
| 5587     | 5/10/99     | GW06341TE | TRICHLOROETHENE                | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Drainage       | REAL    |
| 5587     | 5/10/99     | GW06341TE | TRICHLOROFLUOROMETHANE         | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Drainage       | REAL    |
| 5587     | 5/10/99     | GW06341TE | VINYL CHLORIDE                 | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Drainage       | REAL    |
| 5887     | 5/24/99     | GW06392TE | 1,1,1,2-TETRACHLOROETHANE      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |

## Appendix A: Groundwater Analytical Data - VOCs

Second Quarter 1999

| Location | Sample Date | Sample #  | Analyte                        | Result | Units | Lab Qual | Det Lim | Dilu | Valid | Result Type | IMP Well Class | QC Type |
|----------|-------------|-----------|--------------------------------|--------|-------|----------|---------|------|-------|-------------|----------------|---------|
| 5887     | 5/24/99     | GW06392TE | 1,1,1-TRICHLOROETHANE          | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 5887     | 5/24/99     | GW06392TE | 1,1,2,2-TETRACHLOROETHANE      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 5887     | 5/24/99     | GW06392TE | 1,1,2-TRICHLOROETHANE          | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 5887     | 5/24/99     | GW06392TE | 1,1-DICHLOROETHANE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 5887     | 5/24/99     | GW06392TE | 1,1-DICHLOROETHENE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 5887     | 5/24/99     | GW06392TE | 1,1-DICHLOROPROPENE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 5887     | 5/24/99     | GW06392TE | 1,2,3-TRICHLOROBENZENE         | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | REAL    |
| 5887     | 5/24/99     | GW06392TE | 1,2,3-TRICHLOROPROPANE         | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 5887     | 5/24/99     | GW06392TE | 1,2,4-TRICHLOROBENZENE         | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | REAL    |
| 5887     | 5/24/99     | GW06392TE | 1,2-DIBROMOETHANE              | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 5887     | 5/24/99     | GW06392TE | 1,2-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | REAL    |
| 5887     | 5/24/99     | GW06392TE | 1,2-DICHLOROETHANE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 5887     | 5/24/99     | GW06392TE | 1,2-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 5887     | 5/24/99     | GW06392TE | 1,3-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | REAL    |
| 5887     | 5/24/99     | GW06392TE | 1,3-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 5887     | 5/24/99     | GW06392TE | 1,4-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | REAL    |
| 5887     | 5/24/99     | GW06392TE | 2,2-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 5887     | 5/24/99     | GW06392TE | 4-ISOPROPYLTOLUENE             | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | REAL    |
| 5887     | 5/24/99     | GW06392TE | BENZENE                        | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | REAL    |
| 5887     | 5/24/99     | GW06392TE | BENZENE, 1,2,4-TRIMETHYL-      | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | REAL    |
| 5887     | 5/24/99     | GW06392TE | BROMOBENZENE                   | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | REAL    |
| 5887     | 5/24/99     | GW06392TE | BROMOCHLOROMETHANE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 5887     | 5/24/99     | GW06392TE | BROMODICHLOROMETHANE           | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 5887     | 5/24/99     | GW06392TE | BROMOFORM                      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 5887     | 5/24/99     | GW06392TE | BROMOMETHANE                   | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 5887     | 5/24/99     | GW06392TE | CARBON TETRACHLORIDE           | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 5887     | 5/24/99     | GW06392TE | CHLOROBENZENE                  | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | REAL    |
| 5887     | 5/24/99     | GW06392TE | CHLOROETHANE                   | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 5887     | 5/24/99     | GW06392TE | CHLOROFORM                     | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 5887     | 5/24/99     | GW06392TE | CHLOROMETHANE                  | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 5887     | 5/24/99     | GW06392TE | cis-1,2-DICHLOROETHENE         | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 5887     | 5/24/99     | GW06392TE | cis-1,3-DICHLOROPROPENE        | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 5887     | 5/24/99     | GW06392TE | DIBROMOCHLOROMETHANE           | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 5887     | 5/24/99     | GW06392TE | DIBROMOMETHANE                 | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 5887     | 5/24/99     | GW06392TE | DICHLORODIFLUOROMETHANE        | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 5887     | 5/24/99     | GW06392TE | ETHYLBENZENE                   | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | REAL    |
| 5887     | 5/24/99     | GW06392TE | HEXACHLOROBUTADIENE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 5887     | 5/24/99     | GW06392TE | ISOPROPYLBENZENE               | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | REAL    |
| 5887     | 5/24/99     | GW06392TE | METHYLENE CHLORIDE             | 0.9    | UG/L  | JB       | 1       | 1    | JB1   | TR1         | RCRA           | REAL    |
| 5887     | 5/24/99     | GW06392TE | NAPHTHALENE                    | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | REAL    |
| 5887     | 5/24/99     | GW06392TE | n-BUTYLBENZENE                 | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | REAL    |
| 5887     | 5/24/99     | GW06392TE | n-PROPYLBENZENE                | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | REAL    |
| 5887     | 5/24/99     | GW06392TE | o-CHLOROTOLUENE                | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | REAL    |
| 5887     | 5/24/99     | GW06392TE | p-CHLOROTOLUENE                | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | REAL    |
| 5887     | 5/24/99     | GW06392TE | PROPANE, 1,2-DIBROMO-3-CHLORO- | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 5887     | 5/24/99     | GW06392TE | sec-BUTYLBENZENE               | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | REAL    |
| 5887     | 5/24/99     | GW06392TE | STYRENE                        | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | REAL    |
| 5887     | 5/24/99     | GW06392TE | tert-BUTYLBENZENE              | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | REAL    |
| 5887     | 5/24/99     | GW06392TE | TETRACHLOROETHENE              | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 5887     | 5/24/99     | GW06392TE | TOLUENE                        | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | REAL    |
| 5887     | 5/24/99     | GW06392TE | TOTAL XYLEMES                  | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | REAL    |
| 5887     | 5/24/99     | GW06392TE | trans-1,2-DICHLOROETHENE       | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 5887     | 5/24/99     | GW06392TE | trans-1,3-DICHLOROPROPENE      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 5887     | 5/24/99     | GW06392TE | TRICHLOROETHENE                | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 5887     | 5/24/99     | GW06392TE | TRICHLOROFLUOROMETHANE         | 0.3    | UG/L  | JB       | 1       | 1    | JB1   | TR1         | RCRA           | REAL    |
| 5887     | 5/24/99     | GW06392TE | VINYL CHLORIDE                 | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 5887     | 5/24/99     | GW06393TE | 1,1,1,2-TETRACHLOROETHANE      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | DUP     |
| 5887     | 5/24/99     | GW06393TE | 1,1,1-TRICHLOROETHANE          | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | DUP     |
| 5887     | 5/24/99     | GW06393TE | 1,1,2,2-TETRACHLOROETHANE      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | DUP     |
| 5887     | 5/24/99     | GW06393TE | 1,1,2-TRICHLOROETHANE          | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | DUP     |
| 5887     | 5/24/99     | GW06393TE | 1,1-DICHLOROETHANE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | DUP     |
| 5887     | 5/24/99     | GW06393TE | 1,1-DICHLOROETHENE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | DUP     |
| 5887     | 5/24/99     | GW06393TE | 1,1-DICHLOROPROPENE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | DUP     |

## Appendix A: Groundwater Analytical Data - VOCs

Second Quarter 1999

| Location | Sample Date | Sample #  | Analyte                        | Result | Units | Lab Qual | Det Lim | Dilu | Valid | Result Type | IMP Well Class | QC Type |
|----------|-------------|-----------|--------------------------------|--------|-------|----------|---------|------|-------|-------------|----------------|---------|
| 5887     | 5/24/99     | GW06393TE | 1,2,3-TRICHLOROBENZENE         | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | DUP     |
| 5887     | 5/24/99     | GW06393TE | 1,2,3-TRICHLOROPROPANE         | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | DUP     |
| 5887     | 5/24/99     | GW06393TE | 1,2,4-TRICHLOROBENZENE         | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | DUP     |
| 5887     | 5/24/99     | GW06393TE | 1,2-DIBROMOETHANE              | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | DUP     |
| 5887     | 5/24/99     | GW06393TE | 1,2-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | DUP     |
| 5887     | 5/24/99     | GW06393TE | 1,2-DICHLOROETHANE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | DUP     |
| 5887     | 5/24/99     | GW06393TE | 1,2-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | DUP     |
| 5887     | 5/24/99     | GW06393TE | 1,3-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | DUP     |
| 5887     | 5/24/99     | GW06393TE | 1,3-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | DUP     |
| 5887     | 5/24/99     | GW06393TE | 1,4-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | DUP     |
| 5887     | 5/24/99     | GW06393TE | 2,2-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | DUP     |
| 5887     | 5/24/99     | GW06393TE | 4-ISOPROPYLtolUENE             | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | DUP     |
| 5887     | 5/24/99     | GW06393TE | BENZENE                        | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | DUP     |
| 5887     | 5/24/99     | GW06393TE | BENZENE, 1,2,4-TRIMETHYL       | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | DUP     |
| 5887     | 5/24/99     | GW06393TE | BENZENE, 1,3,5-TRIMETHYL-      | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | DUP     |
| 5887     | 5/24/99     | GW06393TE | BROMOBENZENE                   | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | DUP     |
| 5887     | 5/24/99     | GW06393TE | BROMOCHLOROMETHANE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | DUP     |
| 5887     | 5/24/99     | GW06393TE | BROMODICHLOROMETHANE           | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | DUP     |
| 5887     | 5/24/99     | GW06393TE | BROMOFORM                      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | DUP     |
| 5887     | 5/24/99     | GW06393TE | BROMOMETHANE                   | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | DUP     |
| 5887     | 5/24/99     | GW06393TE | CARBON TETRACHLORIDE           | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | DUP     |
| 5887     | 5/24/99     | GW06393TE | CHLOROBENZENE                  | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | DUP     |
| 5887     | 5/24/99     | GW06393TE | CHLOROETHANE                   | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | DUP     |
| 5887     | 5/24/99     | GW06393TE | CHLOROFORM                     | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | DUP     |
| 5887     | 5/24/99     | GW06393TE | CHLOROMETHANE                  | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | DUP     |
| 5887     | 5/24/99     | GW06393TE | cis-1,2-DICHLOROETHENE         | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | DUP     |
| 5887     | 5/24/99     | GW06393TE | cis-1,3-DICHLOROPROPENE        | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | DUP     |
| 5887     | 5/24/99     | GW06393TE | DIBROMOCHLOROMETHANE           | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | DUP     |
| 5887     | 5/24/99     | GW06393TE | DIBROMOMETHANE                 | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | DUP     |
| 5887     | 5/24/99     | GW06393TE | DICHLORODIFLUOROMETHANE        | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | DUP     |
| 5887     | 5/24/99     | GW06393TE | ETHYLBENZENE                   | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | DUP     |
| 5887     | 5/24/99     | GW06393TE | HEXACHLOROBUTADIENE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | DUP     |
| 5887     | 5/24/99     | GW06393TE | ISOPROPYLBENZENE               | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | DUP     |
| 5887     | 5/24/99     | GW06393TE | METHYLENE CHLORIDE             | 0.6    | UG/L  | BJ       | 1       | 1    | JB1   | TR1         | RCRA           | DUP     |
| 5887     | 5/24/99     | GW06393TE | NAPHTHALENE                    | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | DUP     |
| 5887     | 5/24/99     | GW06393TE | n-BUTYLBENZENE                 | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | DUP     |
| 5887     | 5/24/99     | GW06393TE | n-PROPYLBENZENE                | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | DUP     |
| 5887     | 5/24/99     | GW06393TE | o-CHLOROTOLUENE                | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | DUP     |
| 5887     | 5/24/99     | GW06393TE | p-CHLOROTOLUENE                | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | DUP     |
| 5887     | 5/24/99     | GW06393TE | PROPANE, 1,2-DIBROMO-3-CHLORO- | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | DUP     |
| 5887     | 5/24/99     | GW06393TE | sec-BUTYLBENZENE               | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | DUP     |
| 5887     | 5/24/99     | GW06393TE | STYRENE                        | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | DUP     |
| 5887     | 5/24/99     | GW06393TE | tert-BUTYLBENZENE              | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | DUP     |
| 5887     | 5/24/99     | GW06393TE | TETRACHLOROETHENE              | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | DUP     |
| 5887     | 5/24/99     | GW06393TE | TOLUENE                        | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | DUP     |
| 5887     | 5/24/99     | GW06393TE | TOTAL XYLEMES                  | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | DUP     |
| 5887     | 5/24/99     | GW06393TE | trans-1,2-DICHLOROETHENE       | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | DUP     |
| 5887     | 5/24/99     | GW06393TE | trans-1,3-DICHLOROPROPENE      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | DUP     |
| 5887     | 5/24/99     | GW06393TE | TRICHLOROETHENE                | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | DUP     |
| 5887     | 5/24/99     | GW06393TE | TRICHLOROFLUOROMETHANE         | 0.1    | UG/L  | BJ       | 1       | 1    | JB1   | TR1         | RCRA           | DUP     |
| 5887     | 5/24/99     | GW06393TE | VINYL CHLORIDE                 | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | DUP     |
| 70193    | 5/6/99      | GW06397TE | 1,1,1,2-TETRACHLOROETHANE      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 70193    | 5/6/99      | GW06397TE | 1,1,1-TRICHLOROETHANE          | 0.2    | UG/L  | J        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 70193    | 5/6/99      | GW06397TE | 1,1,2,2-TETRACHLOROETHANE      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 70193    | 5/6/99      | GW06397TE | 1,1,2-TRICHLOROETHANE          | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 70193    | 5/6/99      | GW06397TE | 1,1-DICHLOROETHANE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 70193    | 5/6/99      | GW06397TE | 1,1-DICHLOROETHENE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 70193    | 5/6/99      | GW06397TE | 1,1-DICHLOROPROPENE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 70193    | 5/6/99      | GW06397TE | 1,2,3-TRICHLOROBENZENE         | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | REAL    |
| 70193    | 5/6/99      | GW06397TE | 1,2,3-TRICHLOROPROPANE         | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 70193    | 5/6/99      | GW06397TE | 1,2,4-TRICHLOROBENZENE         | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | REAL    |
| 70193    | 5/6/99      | GW06397TE | 1,2-DIBROMOETHANE              | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 70193    | 5/6/99      | GW06397TE | 1,2-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | REAL    |
| 70193    | 5/6/99      | GW06397TE | 1,2-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |

## Appendix A: Groundwater Analytical Data - VOCs

Second Quarter 1999

| Location | Sample Date | Sample #  | Analyte                        | Result | Units | Lab Qual | Det Lim | Dilu | Valid | Result Type | IMP Well Class | QC Type |
|----------|-------------|-----------|--------------------------------|--------|-------|----------|---------|------|-------|-------------|----------------|---------|
| 70193    | 5/6/99      | GW06397TE | 1,3-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | REAL    |
| 70193    | 5/6/99      | GW06397TE | 1,3-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 70193    | 5/6/99      | GW06397TE | 1,4-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | REAL    |
| 70193    | 5/6/99      | GW06397TE | 2,2-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 70193    | 5/6/99      | GW06397TE | 4-ISOPROPYLtolUENE             | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | REAL    |
| 70193    | 5/6/99      | GW06397TE | BENZENE                        | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | REAL    |
| 70193    | 5/6/99      | GW06397TE | BENZENE, 1,2,4-TRIMETHYL-      | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | REAL    |
| 70193    | 5/6/99      | GW06397TE | BROMOBENZENE                   | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | REAL    |
| 70193    | 5/6/99      | GW06397TE | BROMOCHLOROMETHANE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 70193    | 5/6/99      | GW06397TE | BROMODICHLOROMETHANE           | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 70193    | 5/6/99      | GW06397TE | BROMOFORM                      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 70193    | 5/6/99      | GW06397TE | BROMOMETHANE                   | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 70193    | 5/6/99      | GW06397TE | CARBON TETRACHLORIDE           | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 70193    | 5/6/99      | GW06397TE | CHLOROBENZENE                  | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | REAL    |
| 70193    | 5/6/99      | GW06397TE | CHLOROETHANE                   | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 70193    | 5/6/99      | GW06397TE | CHLOROFORM                     | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 70193    | 5/6/99      | GW06397TE | CHLOROMETHANE                  | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 70193    | 5/6/99      | GW06397TE | cis-1,2-DICHLOROETHENE         | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 70193    | 5/6/99      | GW06397TE | cis-1,3-DICHLOROPROPENE        | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 70193    | 5/6/99      | GW06397TE | DIBROMOCHLOROMETHANE           | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 70193    | 5/6/99      | GW06397TE | DIBROMOMETHANE                 | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 70193    | 5/6/99      | GW06397TE | DICHLORODIFLUOROMETHANE        | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 70193    | 5/6/99      | GW06397TE | ETHYLBENZENE                   | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | REAL    |
| 70193    | 5/6/99      | GW06397TE | HEXACHLOROBUTADIENE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 70193    | 5/6/99      | GW06397TE | ISOPROPYLBENZENE               | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | REAL    |
| 70193    | 5/6/99      | GW06397TE | METHYLENE CHLORIDE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 70193    | 5/6/99      | GW06397TE | NAPHTHALENE                    | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 70193    | 5/6/99      | GW06397TE | n-BUTYLBENZENE                 | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | REAL    |
| 70193    | 5/6/99      | GW06397TE | n-PROPYLBENZENE                | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | REAL    |
| 70193    | 5/6/99      | GW06397TE | o-CHLOROTOLUENE                | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | REAL    |
| 70193    | 5/6/99      | GW06397TE | p-CHLOROTOLUENE                | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | REAL    |
| 70193    | 5/6/99      | GW06397TE | PROPANE, 1,2-DIBROMO-3-CHLORO- | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 70193    | 5/6/99      | GW06397TE | sec-BUTYLBENZENE               | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | REAL    |
| 70193    | 5/6/99      | GW06397TE | STYRENE                        | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | REAL    |
| 70193    | 5/6/99      | GW06397TE | tert-BUTYLBENZENE              | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | REAL    |
| 70193    | 5/6/99      | GW06397TE | TETRACHLOROETHENE              | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 70193    | 5/6/99      | GW06397TE | TOLUENE                        | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | REAL    |
| 70193    | 5/6/99      | GW06397TE | TOTAL XYLEMES                  | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | REAL    |
| 70193    | 5/6/99      | GW06397TE | trans-1,2-DICHLOROETHENE       | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 70193    | 5/6/99      | GW06397TE | trans-1,3-DICHLOROPROPENE      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 70193    | 5/6/99      | GW06397TE | TRICHLOROETHENE                | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 70193    | 5/6/99      | GW06397TE | TRICHLOROFLUOROMETHANE         | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 70193    | 5/6/99      | GW06397TE | VINYL CHLORIDE                 | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 70193    | 5/6/99      | GW06398TE | 1,1,1,2-TETRACHLOROETHANE      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | DUP     |
| 70193    | 5/6/99      | GW06398TE | 1,1,1-TRICHLOROETHANE          | 0.2    | UG/L  | J        | 1       | 1    | V1    | TR1         | RCRA           | DUP     |
| 70193    | 5/6/99      | GW06398TE | 1,1,2,2-TETRACHLOROETHANE      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | DUP     |
| 70193    | 5/6/99      | GW06398TE | 1,1,2-TRICHLOROETHANE          | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | DUP     |
| 70193    | 5/6/99      | GW06398TE | 1,1-DICHLOROETHANE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | DUP     |
| 70193    | 5/6/99      | GW06398TE | 1,1-DICHLOROETHENE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | DUP     |
| 70193    | 5/6/99      | GW06398TE | 1,1-DICHLOROPROPENE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | DUP     |
| 70193    | 5/6/99      | GW06398TE | 1,2,3-TRICHLOROBENZENE         | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | DUP     |
| 70193    | 5/6/99      | GW06398TE | 1,2,3-TRICHLOROPROPANE         | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | DUP     |
| 70193    | 5/6/99      | GW06398TE | 1,2,4-TRICHLOROBENZENE         | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | DUP     |
| 70193    | 5/6/99      | GW06398TE | 1,2-DIBROMOETHANE              | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | DUP     |
| 70193    | 5/6/99      | GW06398TE | 1,2-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | DUP     |
| 70193    | 5/6/99      | GW06398TE | 1,2-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | DUP     |
| 70193    | 5/6/99      | GW06398TE | 1,3-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | DUP     |
| 70193    | 5/6/99      | GW06398TE | 1,3-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | DUP     |
| 70193    | 5/6/99      | GW06398TE | 1,4-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | DUP     |
| 70193    | 5/6/99      | GW06398TE | 2,2-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | DUP     |
| 70193    | 5/6/99      | GW06398TE | 4-ISOPROPYLtolUENE             | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | DUP     |
| 70193    | 5/6/99      | GW06398TE | BENZENE                        | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | DUP     |
| 70193    | 5/6/99      | GW06398TE | BENZENE, 1,2,4-TRIMETHYL       | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | DUP     |

## Appendix A: Groundwater Analytical Data - VOCs

Second Quarter 1999

| Location | Sample Date | Sample #  | Analyte                        | Result | Units | Lab Qual | Det Lim | Dilu | Valid | Result Type | IMP Well Class | QC Type |
|----------|-------------|-----------|--------------------------------|--------|-------|----------|---------|------|-------|-------------|----------------|---------|
| 70193    | 5/6/99      | GW06398TE | BENZENE, 1,3,5-TRIMETHYL-      | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | DUP     |
| 70193    | 5/6/99      | GW06398TE | BROMOBENZENE                   | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | DUP     |
| 70193    | 5/6/99      | GW06398TE | BROMOCHLOROMETHANE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | DUP     |
| 70193    | 5/6/99      | GW06398TE | BROMODICHLOROMETHANE           | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | DUP     |
| 70193    | 5/6/99      | GW06398TE | BROMOFORM                      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | DUP     |
| 70193    | 5/6/99      | GW06398TE | BROMOMETHANE                   | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | DUP     |
| 70193    | 5/6/99      | GW06398TE | CARBON TETRACHLORIDE           | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | DUP     |
| 70193    | 5/6/99      | GW06398TE | CHLOROBENZENE                  | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | DUP     |
| 70193    | 5/6/99      | GW06398TE | CHLOROETHANE                   | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | DUP     |
| 70193    | 5/6/99      | GW06398TE | CHLOROFORM                     | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | DUP     |
| 70193    | 5/6/99      | GW06398TE | CHLORMETHANE                   | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | DUP     |
| 70193    | 5/6/99      | GW06398TE | cis-1,2-DICHLOROETHENE         | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | DUP     |
| 70193    | 5/6/99      | GW06398TE | cis-1,3-DICHLOROPROPENE        | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | DUP     |
| 70193    | 5/6/99      | GW06398TE | DIBROMOCHLOROMETHANE           | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | DUP     |
| 70193    | 5/6/99      | GW06398TE | DIBROMOMETHANE                 | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | DUP     |
| 70193    | 5/6/99      | GW06398TE | DICHLORODIFLUOROMETHANE        | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | DUP     |
| 70193    | 5/6/99      | GW06398TE | ETHYLBENZENE                   | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | DUP     |
| 70193    | 5/6/99      | GW06398TE | HEXACHLOROBUTADIENE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | DUP     |
| 70193    | 5/6/99      | GW06398TE | ISOPROPYLBENZENE               | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | DUP     |
| 70193    | 5/6/99      | GW06398TE | METHYLENE CHLORIDE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | DUP     |
| 70193    | 5/6/99      | GW06398TE | NAPHTHALENE                    | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | DUP     |
| 70193    | 5/6/99      | GW06398TE | n-BUTYLBENZENE                 | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | DUP     |
| 70193    | 5/6/99      | GW06398TE | n-PROPYLBENZENE                | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | DUP     |
| 70193    | 5/6/99      | GW06398TE | o-CHLOROTOLUENE                | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | DUP     |
| 70193    | 5/6/99      | GW06398TE | p-CHLOROTOLUENE                | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | DUP     |
| 70193    | 5/6/99      | GW06398TE | PROPANE, 1,2-DIBROMO-3-CHLORO- | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | DUP     |
| 70193    | 5/6/99      | GW06398TE | sec-BUTYLBENZENE               | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | DUP     |
| 70193    | 5/6/99      | GW06398TE | STYRENE                        | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | DUP     |
| 70193    | 5/6/99      | GW06398TE | tert-BUTYLBENZENE              | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | DUP     |
| 70193    | 5/6/99      | GW06398TE | TETRACHLOROETHENE              | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | DUP     |
| 70193    | 5/6/99      | GW06398TE | TOLUENE                        | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | DUP     |
| 70193    | 5/6/99      | GW06398TE | TOTAL XYLEMES                  | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | DUP     |
| 70193    | 5/6/99      | GW06398TE | trans-1,2-DICHLOROETHENE       | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | DUP     |
| 70193    | 5/6/99      | GW06398TE | trans-1,3-DICHLOROPROPENE      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | DUP     |
| 70193    | 5/6/99      | GW06398TE | TRICHLOROETHENE                | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | DUP     |
| 70193    | 5/6/99      | GW06398TE | TRICHLOROFUOROMETHANE          | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | DUP     |
| 70193    | 5/6/99      | GW06398TE | VINYL CHLORIDE                 | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | DUP     |
| 70193    | 5/6/99      | GW06399TE | 1,1,1,2-TETRACHLOROETHANE      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | RNS     |
| 70193    | 5/6/99      | GW06399TE | 1,1,1-TRICHLOROETHANE          | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | RNS     |
| 70193    | 5/6/99      | GW06399TE | 1,1,2,2-TETRACHLOROETHANE      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | RNS     |
| 70193    | 5/6/99      | GW06399TE | 1,1,2-TRICHLOROETHANE          | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | RNS     |
| 70193    | 5/6/99      | GW06399TE | 1,1-DICHLOROETHANE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | RNS     |
| 70193    | 5/6/99      | GW06399TE | 1,1-DICHLOROETHENE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | RNS     |
| 70193    | 5/6/99      | GW06399TE | 1,1-DICHLOROPROPENE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | RNS     |
| 70193    | 5/6/99      | GW06399TE | 1,2,3-TRICHLOROBENZENE         | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | RNS     |
| 70193    | 5/6/99      | GW06399TE | 1,2,3-TRICHLOROPROPANE         | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | RNS     |
| 70193    | 5/6/99      | GW06399TE | 1,2,4-TRICHLOROBENZENE         | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | RNS     |
| 70193    | 5/6/99      | GW06399TE | 1,2-DIBROMOETHANE              | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | RNS     |
| 70193    | 5/6/99      | GW06399TE | 1,2-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | RNS     |
| 70193    | 5/6/99      | GW06399TE | 1,2-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | RNS     |
| 70193    | 5/6/99      | GW06399TE | 1,3-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | RNS     |
| 70193    | 5/6/99      | GW06399TE | 1,3-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | RNS     |
| 70193    | 5/6/99      | GW06399TE | 1,4-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | RNS     |
| 70193    | 5/6/99      | GW06399TE | 2,2-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | RNS     |
| 70193    | 5/6/99      | GW06399TE | 4-ISOPROPYLtoluene             | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | RNS     |
| 70193    | 5/6/99      | GW06399TE | BENZENE                        | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | RNS     |
| 70193    | 5/6/99      | GW06399TE | BENZENE, 1,2,4-TRIMETHYL-      | 2      | UG/L  |          | 1       | 1    | J1    | TR1         | RCRA           | RNS     |
| 70193    | 5/6/99      | GW06399TE | BENZENE, 1,3,5-TRIMETHYL-      | 0.4    | UG/L  | J        | 1       | 1    | J1    | TR1         | RCRA           | RNS     |
| 70193    | 5/6/99      | GW06399TE | BROMOBENZENE                   | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | RNS     |
| 70193    | 5/6/99      | GW06399TE | BROMOCHLOROMETHANE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | RNS     |
| 70193    | 5/6/99      | GW06399TE | BROMODICHLOROMETHANE           | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | RNS     |
| 70193    | 5/6/99      | GW06399TE | BROMOFORM                      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | RNS     |
| 70193    | 5/6/99      | GW06399TE | BROMOMETHANE                   | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | RNS     |
| 70193    | 5/6/99      | GW06399TE | CARBON TETRACHLORIDE           | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | RNS     |

## Appendix A: Groundwater Analytical Data - VOCs

Second Quarter 1999

| Location | Sample Date | Sample #  | Analyte                        | Result | Units | Lab Qual | Det Lim | Dilu | Valid | Result Type | IMP Well Class | QC Type |
|----------|-------------|-----------|--------------------------------|--------|-------|----------|---------|------|-------|-------------|----------------|---------|
| 70193    | 5/6/99      | GW06399TE | CHLOROBENZENE                  | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | RNS     |
| 70193    | 5/6/99      | GW06399TE | CHLOROETHANE                   | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | RNS     |
| 70193    | 5/6/99      | GW06399TE | CHLOROFORM                     | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | RNS     |
| 70193    | 5/6/99      | GW06399TE | CHLORMETHANE                   | 5      | UG/L  |          | 1       | 1    | V1    | TR1         | RCRA           | RNS     |
| 70193    | 5/6/99      | GW06399TE | cis-1,2-DICHLOROETHENE         | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | RNS     |
| 70193    | 5/6/99      | GW06399TE | cis-1,3-DICHLOROPROPENE        | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | RNS     |
| 70193    | 5/6/99      | GW06399TE | DIBROMOCHLOROMETHANE           | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | RNS     |
| 70193    | 5/6/99      | GW06399TE | DIBROMOMETHANE                 | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | RNS     |
| 70193    | 5/6/99      | GW06399TE | DICHLORODIFLUOROMETHANE        | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | RNS     |
| 70193    | 5/6/99      | GW06399TE | ETHYLBENZENE                   | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | RNS     |
| 70193    | 5/6/99      | GW06399TE | HEXACHLOROBUTADIENE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | RNS     |
| 70193    | 5/6/99      | GW06399TE | ISOPROPYLBENZENE               | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | RNS     |
| 70193    | 5/6/99      | GW06399TE | METHYLENE CHLORIDE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | RNS     |
| 70193    | 5/6/99      | GW06399TE | NAPHTHALENE                    | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | RNS     |
| 70193    | 5/6/99      | GW06399TE | n-BUTYLBENZENE                 | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | RNS     |
| 70193    | 5/6/99      | GW06399TE | n-PROPYLBENZENE                | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | RNS     |
| 70193    | 5/6/99      | GW06399TE | o-CHLOROTOLUENE                | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | RNS     |
| 70193    | 5/6/99      | GW06399TE | p-CHLOROTOLUENE                | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | RNS     |
| 70193    | 5/6/99      | GW06399TE | PROPANE, 1,2-DIBROMO-3-CHLORO- | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | RNS     |
| 70193    | 5/6/99      | GW06399TE | sec-BUTYLBENZENE               | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | RNS     |
| 70193    | 5/6/99      | GW06399TE | STYRENE                        | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | RNS     |
| 70193    | 5/6/99      | GW06399TE | tert-BUTYLBENZENE              | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | RNS     |
| 70193    | 5/6/99      | GW06399TE | TETRACHLOROETHENE              | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | RNS     |
| 70193    | 5/6/99      | GW06399TE | TOLUENE                        | 0.4    | UG/L  | J        | 1       | 1    | J1    | TR1         | RCRA           | RNS     |
| 70193    | 5/6/99      | GW06399TE | TOTAL XYLENES                  | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | RNS     |
| 70193    | 5/6/99      | GW06399TE | trans-1,2-DICHLOROETHENE       | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | RNS     |
| 70193    | 5/6/99      | GW06399TE | trans-1,3-DICHLOROPROPENE      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | RNS     |
| 70193    | 5/6/99      | GW06399TE | TRICHLOROETHENE                | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | RNS     |
| 70193    | 5/6/99      | GW06399TE | TRICHLOROFLUOROMETHANE         | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | RNS     |
| 70193    | 5/6/99      | GW06399TE | VINYL CHLORIDE                 | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | RNS     |
| 70393    | 5/18/99     | GW06400TE | 1,1,1,2-TETRACHLOROETHANE      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 70393    | 5/18/99     | GW06400TE | 1,1,1-TRICHLOROETHANE          | 23     | UG/L  |          | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 70393    | 5/18/99     | GW06400TE | 1,1,2,2-TETRACHLOROETHANE      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 70393    | 5/18/99     | GW06400TE | 1,1,2-TRICHLOROETHANE          | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 70393    | 5/18/99     | GW06400TE | 1,1-DICHLOROETHANE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 70393    | 5/18/99     | GW06400TE | 1,1-DICHLOROETHENE             | 12     | UG/L  |          | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 70393    | 5/18/99     | GW06400TE | 1,1-DICHLOROPROPENE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 70393    | 5/18/99     | GW06400TE | 1,2,3-TRICHLOROBENZENE         | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | REAL    |
| 70393    | 5/18/99     | GW06400TE | 1,2,3-TRICHLOROPROPANE         | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 70393    | 5/18/99     | GW06400TE | 1,2,4-TRICHLOROBENZENE         | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | REAL    |
| 70393    | 5/18/99     | GW06400TE | 1,2-DIBROMOETHANE              | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 70393    | 5/18/99     | GW06400TE | 1,2-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | REAL    |
| 70393    | 5/18/99     | GW06400TE | 1,2-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 70393    | 5/18/99     | GW06400TE | 1,3-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | REAL    |
| 70393    | 5/18/99     | GW06400TE | 1,3-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 70393    | 5/18/99     | GW06400TE | 1,4-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | REAL    |
| 70393    | 5/18/99     | GW06400TE | 2,2-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 70393    | 5/18/99     | GW06400TE | 4-ISOPROPYLtolUENE             | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | REAL    |
| 70393    | 5/18/99     | GW06400TE | BENZENE                        | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | REAL    |
| 70393    | 5/18/99     | GW06400TE | BENZENE, 1,2,4-TRIMETHYL       | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | REAL    |
| 70393    | 5/18/99     | GW06400TE | BENZENE, 1,3,5-TRIMETHYL-      | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | REAL    |
| 70393    | 5/18/99     | GW06400TE | BROMOBENZENE                   | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | REAL    |
| 70393    | 5/18/99     | GW06400TE | BROMOCHLOROMETHANE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 70393    | 5/18/99     | GW06400TE | BROMODICHLOROMETHANE           | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 70393    | 5/18/99     | GW06400TE | BROMOFORM                      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 70393    | 5/18/99     | GW06400TE | BROMOMETHANE                   | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 70393    | 5/18/99     | GW06400TE | CARBON TETRACHLORIDE           | 0.5    | UG/L  | J        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 70393    | 5/18/99     | GW06400TE | CHLOROBENZENE                  | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | REAL    |
| 70393    | 5/18/99     | GW06400TE | CHLOROETHANE                   | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 70393    | 5/18/99     | GW06400TE | CHLOROFORM                     | 0.3    | UG/L  | J        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 70393    | 5/18/99     | GW06400TE | CHLORMETHANE                   | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 70393    | 5/18/99     | GW06400TE | cis-1,2-DICHLOROETHENE         | 0.3    | UG/L  | J        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 70393    | 5/18/99     | GW06400TE | cis-1,3-DICHLOROPROPENE        | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 70393    | 5/18/99     | GW06400TE | DIBROMOCHLOROMETHANE           | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |

## Appendix A: Groundwater Analytical Data - VOCs

Second Quarter 1999

| Location | Sample Date | Sample #  | Analyte                        | Result | Units | Lab Qual | Det Lim | Dilu | Valid | Result Type | IMP Well Class | QC Type |
|----------|-------------|-----------|--------------------------------|--------|-------|----------|---------|------|-------|-------------|----------------|---------|
| 70393    | 5/18/99     | GW06400TE | DIBROMOMETHANE                 | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 70393    | 5/18/99     | GW06400TE | DICHLORODIFLUOROMETHANE        | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 70393    | 5/18/99     | GW06400TE | ETHYLBENZENE                   | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | REAL    |
| 70393    | 5/18/99     | GW06400TE | HEXACHLOROBUTADIENE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 70393    | 5/18/99     | GW06400TE | ISOPROPYLBENZENE               | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | REAL    |
| 70393    | 5/18/99     | GW06400TE | METHYLENE CHLORIDE             | 3      | UG/L  | B        | 1       | 1    | UJ1   | TR1         | RCRA           | REAL    |
| 70393    | 5/18/99     | GW06400TE | NAPHTHALENE                    | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | REAL    |
| 70393    | 5/18/99     | GW06400TE | n-BUTYLBENZENE                 | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | REAL    |
| 70393    | 5/18/99     | GW06400TE | n-PROPYLBENZENE                | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | REAL    |
| 70393    | 5/18/99     | GW06400TE | o-CHLOROTOLUENE                | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | REAL    |
| 70393    | 5/18/99     | GW06400TE | p-CHLOROTOLUENE                | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | REAL    |
| 70393    | 5/18/99     | GW06400TE | PROPANE, 1,2-DIBromo-3-CHLORO- | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 70393    | 5/18/99     | GW06400TE | sec-BUTYLBENZENE               | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | REAL    |
| 70393    | 5/18/99     | GW06400TE | STYRENE                        | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | REAL    |
| 70393    | 5/18/99     | GW06400TE | tert-BUTYLBENZENE              | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | REAL    |
| 70393    | 5/18/99     | GW06400TE | TETRACHLOROETHENE              | 6      | UG/L  |          | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 70393    | 5/18/99     | GW06400TE | TOLUENE                        | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | REAL    |
| 70393    | 5/18/99     | GW06400TE | TOTAL XYLEMES                  | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | REAL    |
| 70393    | 5/18/99     | GW06400TE | trans-1,2-DICHLOROETHENE       | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 70393    | 5/18/99     | GW06400TE | trans-1,3-DICHLOROPROPENE      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 70393    | 5/18/99     | GW06400TE | TRICHLOROETHENE                | 17     | UG/L  |          | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 70393    | 5/18/99     | GW06400TE | TRICHLOROFUOROMETHANE          | 0.2    | UG/L  | J        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 70393    | 5/18/99     | GW06400TE | VINYL CHLORIDE                 | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | REAL    |
| 70393    | 5/18/99     | GW06401TE | 1,1,1,2-TETRACHLOROETHANE      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | DUP     |
| 70393    | 5/18/99     | GW06401TE | 1,1,1-TRICHLOROETHANE          | 22     | UG/L  |          | 1       | 1    | V1    | TR1         | RCRA           | DUP     |
| 70393    | 5/18/99     | GW06401TE | 1,1,2,2-TETRACHLOROETHANE      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | DUP     |
| 70393    | 5/18/99     | GW06401TE | 1,1,2-TRICHLOROETHANE          | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | DUP     |
| 70393    | 5/18/99     | GW06401TE | 1,1-DICHLOROETHANE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | DUP     |
| 70393    | 5/18/99     | GW06401TE | 1,1-DICHLOROETHENE             | 11     | UG/L  |          | 1       | 1    | V1    | TR1         | RCRA           | DUP     |
| 70393    | 5/18/99     | GW06401TE | 1,1-DICHLOROPROPENE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | DUP     |
| 70393    | 5/18/99     | GW06401TE | 1,2,3-TRICHLOROBENZENE         | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | DUP     |
| 70393    | 5/18/99     | GW06401TE | 1,2,3-TRICHLOROPROPANE         | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | DUP     |
| 70393    | 5/18/99     | GW06401TE | 1,2,4-TRICHLOROBENZENE         | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | DUP     |
| 70393    | 5/18/99     | GW06401TE | 1,2-DIBROMOETHANE              | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | DUP     |
| 70393    | 5/18/99     | GW06401TE | 1,2-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | DUP     |
| 70393    | 5/18/99     | GW06401TE | 1,2-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | DUP     |
| 70393    | 5/18/99     | GW06401TE | 1,3-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | DUP     |
| 70393    | 5/18/99     | GW06401TE | 1,3-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | DUP     |
| 70393    | 5/18/99     | GW06401TE | 1,4-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | DUP     |
| 70393    | 5/18/99     | GW06401TE | 2,2-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | DUP     |
| 70393    | 5/18/99     | GW06401TE | 4-ISOPROPYLTOLUENE             | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | DUP     |
| 70393    | 5/18/99     | GW06401TE | BENZENE                        | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | DUP     |
| 70393    | 5/18/99     | GW06401TE | BENZENE, 1,2,4-TRIMETHYL       | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | DUP     |
| 70393    | 5/18/99     | GW06401TE | BENZENE, 1,3,5-TRIMETHYL       | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | DUP     |
| 70393    | 5/18/99     | GW06401TE | BROMOBENZENE                   | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | DUP     |
| 70393    | 5/18/99     | GW06401TE | BROMOCHLOROMETHANE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | DUP     |
| 70393    | 5/18/99     | GW06401TE | BROMODICHLOROMETHANE           | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | DUP     |
| 70393    | 5/18/99     | GW06401TE | BROMOFORM                      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | DUP     |
| 70393    | 5/18/99     | GW06401TE | BROMOMETHANE                   | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | DUP     |
| 70393    | 5/18/99     | GW06401TE | CARBON TETRACHLORIDE           | 0.5    | UG/L  | J        | 1       | 1    | V1    | TR1         | RCRA           | DUP     |
| 70393    | 5/18/99     | GW06401TE | CHLOROBENZENE                  | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | DUP     |
| 70393    | 5/18/99     | GW06401TE | CHLOROETHANE                   | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | DUP     |
| 70393    | 5/18/99     | GW06401TE | CHLOROFORM                     | 0.3    | UG/L  | J        | 1       | 1    | V1    | TR1         | RCRA           | DUP     |
| 70393    | 5/18/99     | GW06401TE | CHLOROMETHANE                  | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | DUP     |
| 70393    | 5/18/99     | GW06401TE | cis-1,2-DICHLOROETHENE         | 0.3    | UG/L  | J        | 1       | 1    | V1    | TR1         | RCRA           | DUP     |
| 70393    | 5/18/99     | GW06401TE | cis-1,3-DICHLOROPROPENE        | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | DUP     |
| 70393    | 5/18/99     | GW06401TE | DIBROMOCHLOROMETHANE           | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | DUP     |
| 70393    | 5/18/99     | GW06401TE | DIBROMOMETHANE                 | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | DUP     |
| 70393    | 5/18/99     | GW06401TE | DICHLORODIFLUOROMETHANE        | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | DUP     |
| 70393    | 5/18/99     | GW06401TE | ETHYLBENZENE                   | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | DUP     |
| 70393    | 5/18/99     | GW06401TE | HEXACHLOROBUTADIENE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | DUP     |
| 70393    | 5/18/99     | GW06401TE | ISOPROPYLBENZENE               | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | DUP     |
| 70393    | 5/18/99     | GW06401TE | METHYLENE CHLORIDE             | 3      | UG/L  | B        | 1       | 1    | UJ1   | TR1         | RCRA           | DUP     |
| 70393    | 5/18/99     | GW06401TE | NAPHTHALENE                    | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | DUP     |

## Appendix A: Groundwater Analytical Data - VOCs

Second Quarter 1999

| Location | Sample Date | Sample #  | Analyte                        | Result | Units | Lab Qual | Det Lim | Dilu | Valid | Result Type | IMP Well Class | QC Type |
|----------|-------------|-----------|--------------------------------|--------|-------|----------|---------|------|-------|-------------|----------------|---------|
| 70393    | 5/18/99     | GW06401TE | n-BUTYLBENZENE                 | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | DUP     |
| 70393    | 5/18/99     | GW06401TE | n-PROPYLBENZENE                | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | DUP     |
| 70393    | 5/18/99     | GW06401TE | o-CHLOROTOLUENE                | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | DUP     |
| 70393    | 5/18/99     | GW06401TE | p-CHLOROTOLUENE                | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | DUP     |
| 70393    | 5/18/99     | GW06401TE | PROPANE, 1,2-DIBROMO-3-CHLORO- | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | DUP     |
| 70393    | 5/18/99     | GW06401TE | sec-BUTYLBENZENE               | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | DUP     |
| 70393    | 5/18/99     | GW06401TE | STYRENE                        | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | DUP     |
| 70393    | 5/18/99     | GW06401TE | tert-BUTYLBENZENE              | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | DUP     |
| 70393    | 5/18/99     | GW06401TE | TETRACHLOROETHENE              | 6      | UG/L  |          | 1       | 1    | V1    | TR1         | RCRA           | DUP     |
| 70393    | 5/18/99     | GW06401TE | TOLUENE                        | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | DUP     |
| 70393    | 5/18/99     | GW06401TE | TOTAL XYLEMES                  | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | RCRA           | DUP     |
| 70393    | 5/18/99     | GW06401TE | trans-1,2-DICHLOROETHENE       | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | DUP     |
| 70393    | 5/18/99     | GW06401TE | trans-1,3-DICHLOROPROPENE      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | DUP     |
| 70393    | 5/18/99     | GW06401TE | TRICHLOROETHENE                | 17     | UG/L  | J        | 1       | 1    | V1    | TR1         | RCRA           | DUP     |
| 70393    | 5/18/99     | GW06401TE | TRICHLOROFLUOROMETHANE         | 0.1    | UG/L  | J        | 1       | 1    | V1    | TR1         | RCRA           | DUP     |
| 70393    | 5/18/99     | GW06401TE | VINYL CHLORIDE                 | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | RCRA           | DUP     |
| 70493    | 4/20/99     | GW06403TE | 1,1,1,2-TETRACHLOROETHANE      | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | RCRA           | REAL    |
| 70493    | 4/20/99     | GW06403TE | 1,1,1-TRICHLOROETHANE          | 0.5    | UG/L  | J        | 1       | 1    | V     | TR1         | RCRA           | REAL    |
| 70493    | 4/20/99     | GW06403TE | 1,1,2,2-TETRACHLOROETHANE      | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | RCRA           | REAL    |
| 70493    | 4/20/99     | GW06403TE | 1,1,2-TRICHLOROETHANE          | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | RCRA           | REAL    |
| 70493    | 4/20/99     | GW06403TE | 1,1-DICHLOROETHANE             | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | RCRA           | REAL    |
| 70493    | 4/20/99     | GW06403TE | 1,1-DICHLOROETHENE             | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | RCRA           | REAL    |
| 70493    | 4/20/99     | GW06403TE | 1,1-DICHLOROPROPENE            | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | RCRA           | REAL    |
| 70493    | 4/20/99     | GW06403TE | 1,2,3-TRICHLOROBENZENE         | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | RCRA           | REAL    |
| 70493    | 4/20/99     | GW06403TE | 1,2,3-TRICHLOROPROPANE         | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | RCRA           | REAL    |
| 70493    | 4/20/99     | GW06403TE | 1,2,4-TRICHLOROBENZENE         | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | RCRA           | REAL    |
| 70493    | 4/20/99     | GW06403TE | 1,2-DIBROMOETHANE              | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | RCRA           | REAL    |
| 70493    | 4/20/99     | GW06403TE | 1,2-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | RCRA           | REAL    |
| 70493    | 4/20/99     | GW06403TE | 1,2-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | RCRA           | REAL    |
| 70493    | 4/20/99     | GW06403TE | 1,3-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | RCRA           | REAL    |
| 70493    | 4/20/99     | GW06403TE | 1,3-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | RCRA           | REAL    |
| 70493    | 4/20/99     | GW06403TE | 1,4-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | RCRA           | REAL    |
| 70493    | 4/20/99     | GW06403TE | 2,2-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | RCRA           | REAL    |
| 70493    | 4/20/99     | GW06403TE | 4-ISOPROPYLtolUENE             | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | RCRA           | REAL    |
| 70493    | 4/20/99     | GW06403TE | BENZENE                        | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | RCRA           | REAL    |
| 70493    | 4/20/99     | GW06403TE | BENZENE, 1,2,4-TRIMETHYL       | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | RCRA           | REAL    |
| 70493    | 4/20/99     | GW06403TE | BENZENE, 1,3,5-TRIMETHYL-      | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | RCRA           | REAL    |
| 70493    | 4/20/99     | GW06403TE | BROMOBENZENE                   | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | RCRA           | REAL    |
| 70493    | 4/20/99     | GW06403TE | BROMOCHLOROMETHANE             | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | RCRA           | REAL    |
| 70493    | 4/20/99     | GW06403TE | BROMODICHLOROMETHANE           | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | RCRA           | REAL    |
| 70493    | 4/20/99     | GW06403TE | BROMOFORM                      | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | RCRA           | REAL    |
| 70493    | 4/20/99     | GW06403TE | BROMOMETHANE                   | 1      | UG/L  | U        | 1       | 1    | UJ    | TR1         | RCRA           | REAL    |
| 70493    | 4/20/99     | GW06403TE | CARBON TETRACHLORIDE           | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | RCRA           | REAL    |
| 70493    | 4/20/99     | GW06403TE | CHLOROBENZENE                  | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | RCRA           | REAL    |
| 70493    | 4/20/99     | GW06403TE | CHLOROETHANE                   | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | RCRA           | REAL    |
| 70493    | 4/20/99     | GW06403TE | CHLOROFORM                     | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | RCRA           | REAL    |
| 70493    | 4/20/99     | GW06403TE | CHLOROMETHANE                  | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | RCRA           | REAL    |
| 70493    | 4/20/99     | GW06403TE | cis-1,2-DICHLOROETHENE         | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | RCRA           | REAL    |
| 70493    | 4/20/99     | GW06403TE | cis-1,3-DICHLOROPROPENE        | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | RCRA           | REAL    |
| 70493    | 4/20/99     | GW06403TE | DIBROMOCHLOROMETHANE           | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | RCRA           | REAL    |
| 70493    | 4/20/99     | GW06403TE | DIBROMOMETHANE                 | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | RCRA           | REAL    |
| 70493    | 4/20/99     | GW06403TE | DICHLORODIFLUOROMETHANE        | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | RCRA           | REAL    |
| 70493    | 4/20/99     | GW06403TE | ETHYLBENZENE                   | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | RCRA           | REAL    |
| 70493    | 4/20/99     | GW06403TE | HEXACHLOROBUTADIENE            | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | RCRA           | REAL    |
| 70493    | 4/20/99     | GW06403TE | ISOPROPYLBENZENE               | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | RCRA           | REAL    |
| 70493    | 4/20/99     | GW06403TE | METHYLENE CHLORIDE             | 3      | UG/L  | B        | 1       | 1    | UJ    | TR1         | RCRA           | REAL    |
| 70493    | 4/20/99     | GW06403TE | NAPHTHALENE                    | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | RCRA           | REAL    |
| 70493    | 4/20/99     | GW06403TE | n-BUTYLBENZENE                 | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | RCRA           | REAL    |
| 70493    | 4/20/99     | GW06403TE | n-PROPYLBENZENE                | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | RCRA           | REAL    |
| 70493    | 4/20/99     | GW06403TE | o-CHLOROTOLUENE                | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | RCRA           | REAL    |
| 70493    | 4/20/99     | GW06403TE | p-CHLOROTOLUENE                | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | RCRA           | REAL    |
| 70493    | 4/20/99     | GW06403TE | PROPANE, 1,2-DIBROMO-3-CHLORO- | 1      | UG/L  | U        | 1       | 1    | UJ    | TR1         | RCRA           | REAL    |
| 70493    | 4/20/99     | GW06403TE | sec-BUTYLBENZENE               | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | RCRA           | REAL    |
| 70493    | 4/20/99     | GW06403TE | STYRENE                        | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | RCRA           | REAL    |

## Appendix A: Groundwater Analytical Data - VOCs

Second Quarter 1999

| Location | Sample Date | Sample #  | Analyte                        | Result | Units | Lab Qual | Det Lim | Dilu | Valid | Result Type | IMP Well Class   | QC Type |
|----------|-------------|-----------|--------------------------------|--------|-------|----------|---------|------|-------|-------------|------------------|---------|
| 70493    | 4/20/99     | GW06403TE | tert-BUTYLBENZENE              | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | RCRA             | REAL    |
| 70493    | 4/20/99     | GW06403TE | TETRACHLOROETHENE              | 0.1    | UG/L  | J        | 1       | 1    | V     | TR1         | RCRA             | REAL    |
| 70493    | 4/20/99     | GW06403TE | TOLUENE                        | 0.1    | UG/L  | J        | 1       | 1    | V     | TR1         | RCRA             | REAL    |
| 70493    | 4/20/99     | GW06403TE | TOTAL XYLEMES                  | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | RCRA             | REAL    |
| 70493    | 4/20/99     | GW06403TE | trans-1,2-DICHLOROETHENE       | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | RCRA             | REAL    |
| 70493    | 4/20/99     | GW06403TE | trans-1,3-DICHLOROPROPENE      | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | RCRA             | REAL    |
| 70493    | 4/20/99     | GW06403TE | TRICHLOROETHENE                | 0.8    | UG/L  | J        | 1       | 1    | V     | TR1         | RCRA             | REAL    |
| 70493    | 4/20/99     | GW06403TE | TRICHLOROFLUOROMETHANE         | 0.2    | UG/L  | J        | 1       | 1    | V     | TR1         | RCRA             | REAL    |
| 70493    | 4/20/99     | GW06403TE | VINYL CHLORIDE                 | 1      | UG/L  | U        | 1       | 1    | V     | TR1         | RCRA             | REAL    |
| 77392    | 5/5/99      | GW06377TE | 1,1,1,2-TETRACHLOROETHANE      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| 77392    | 5/5/99      | GW06377TE | 1,1,1-TRICHLOROETHANE          | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| 77392    | 5/5/99      | GW06377TE | 1,1,2,2-TETRACHLOROETHANE      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| 77392    | 5/5/99      | GW06377TE | 1,1,2-TRICHLOROETHANE          | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| 77392    | 5/5/99      | GW06377TE | 1,1-DICHLOROETHANE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| 77392    | 5/5/99      | GW06377TE | 1,1-DICHLOROETHENE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| 77392    | 5/5/99      | GW06377TE | 1,1-DICHLOROPROPENE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| 77392    | 5/5/99      | GW06377TE | 1,2,3-TRICHLOROBENZENE         | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Definition | REAL    |
| 77392    | 5/5/99      | GW06377TE | 1,2,3-TRICHLOROPROPANE         | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| 77392    | 5/5/99      | GW06377TE | 1,2,4-TRICHLOROBENZENE         | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Definition | REAL    |
| 77392    | 5/5/99      | GW06377TE | 1,2-DIBROMOETHANE              | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| 77392    | 5/5/99      | GW06377TE | 1,2-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Definition | REAL    |
| 77392    | 5/5/99      | GW06377TE | 1,2-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| 77392    | 5/5/99      | GW06377TE | 1,3-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Definition | REAL    |
| 77392    | 5/5/99      | GW06377TE | 1,3-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| 77392    | 5/5/99      | GW06377TE | 1,4-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Definition | REAL    |
| 77392    | 5/5/99      | GW06377TE | 2,2-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| 77392    | 5/5/99      | GW06377TE | 4-ISOPROPYLtoluene             | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Definition | REAL    |
| 77392    | 5/5/99      | GW06377TE | BENZENE                        | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Definition | REAL    |
| 77392    | 5/5/99      | GW06377TE | BENZENE, 1,2,4-TRIMETHYL       | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Definition | REAL    |
| 77392    | 5/5/99      | GW06377TE | BENZENE, 1,3,5-TRIMETHYL-      | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Definition | REAL    |
| 77392    | 5/5/99      | GW06377TE | BROMOBENZENE                   | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Definition | REAL    |
| 77392    | 5/5/99      | GW06377TE | BROMOCHLOROMETHANE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| 77392    | 5/5/99      | GW06377TE | BROMODICHLOROMETHANE           | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| 77392    | 5/5/99      | GW06377TE | BROMOFORM                      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| 77392    | 5/5/99      | GW06377TE | BROMOMETHANE                   | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| 77392    | 5/5/99      | GW06377TE | CARBON TETRACHLORIDE           | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| 77392    | 5/5/99      | GW06377TE | CHLOROBENZENE                  | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Definition | REAL    |
| 77392    | 5/5/99      | GW06377TE | CHLOROETHANE                   | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| 77392    | 5/5/99      | GW06377TE | CHLOROFORM                     | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| 77392    | 5/5/99      | GW06377TE | CHLOROMETHANE                  | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| 77392    | 5/5/99      | GW06377TE | cis-1,2-DICHLOROETHENE         | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| 77392    | 5/5/99      | GW06377TE | cis-1,3-DICHLOROPROPENE        | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| 77392    | 5/5/99      | GW06377TE | DIBROMOCHLOROMETHANE           | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| 77392    | 5/5/99      | GW06377TE | DIBROMOMETHANE                 | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| 77392    | 5/5/99      | GW06377TE | DICHLORODIFLUOROMETHANE        | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| 77392    | 5/5/99      | GW06377TE | ETHYLBENZENE                   | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Definition | REAL    |
| 77392    | 5/5/99      | GW06377TE | HEXACHLOROBUTADIENE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| 77392    | 5/5/99      | GW06377TE | ISOPROPYLBENZENE               | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Definition | REAL    |
| 77392    | 5/5/99      | GW06377TE | METHYLENE CHLORIDE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| 77392    | 5/5/99      | GW06377TE | NAPHTHALENE                    | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| 77392    | 5/5/99      | GW06377TE | n-BUTYLBENZENE                 | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Definition | REAL    |
| 77392    | 5/5/99      | GW06377TE | n-PROPYLBENZENE                | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Definition | REAL    |
| 77392    | 5/5/99      | GW06377TE | o-CHLOROTOLUENE                | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Definition | REAL    |
| 77392    | 5/5/99      | GW06377TE | p-CHLOROTOLUENE                | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Definition | REAL    |
| 77392    | 5/5/99      | GW06377TE | PROPANE, 1,2-DIBROMO-3-CHLORO- | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| 77392    | 5/5/99      | GW06377TE | sec-BUTYLBENZENE               | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Definition | REAL    |
| 77392    | 5/5/99      | GW06377TE | STYRENE                        | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Definition | REAL    |
| 77392    | 5/5/99      | GW06377TE | tert-BUTYLBENZENE              | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Definition | REAL    |
| 77392    | 5/5/99      | GW06377TE | TETRACHLOROETHENE              | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| 77392    | 5/5/99      | GW06377TE | TOLUENE                        | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Definition | REAL    |
| 77392    | 5/5/99      | GW06377TE | TOTAL XYLEMES                  | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Definition | REAL    |
| 77392    | 5/5/99      | GW06377TE | trans-1,2-DICHLOROETHENE       | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| 77392    | 5/5/99      | GW06377TE | trans-1,3-DICHLOROPROPENE      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| 77392    | 5/5/99      | GW06377TE | TRICHLOROETHENE                | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |

## Appendix A: Groundwater Analytical Data - VOCs

Second Quarter 1999

| Location  | Sample Date | Sample #  | Analyte                        | Result | Units | Lab Qual | Det Lim | Dilu | Valid | Result Type | IMP Well Class   | QC Type |
|-----------|-------------|-----------|--------------------------------|--------|-------|----------|---------|------|-------|-------------|------------------|---------|
| 77392     | 5/5/99      | GW06377TE | TRICHLOROFLUOROMETHANE         | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| 77392     | 5/5/99      | GW06377TE | VINYL CHLORIDE                 | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| 891COLGAL | 5/10/99     | GW06410TE | 1,1,1,2-TETRACHLOROETHANE      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| 891COLGAL | 5/10/99     | GW06410TE | 1,1,1-TRICHLOROETHANE          | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| 891COLGAL | 5/10/99     | GW06410TE | 1,1,2,2-TETRACHLOROETHANE      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| 891COLGAL | 5/10/99     | GW06410TE | 1,1,2-TRICHLOROETHANE          | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| 891COLGAL | 5/10/99     | GW06410TE | 1,1-DICHLOROETHANE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| 891COLGAL | 5/10/99     | GW06410TE | 1,1-DICHLOROETHENE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| 891COLGAL | 5/10/99     | GW06410TE | 1,1-DICHLOROPROPENE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| 891COLGAL | 5/10/99     | GW06410TE | 1,2,3-TRICHLOROBENZENE         | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| 891COLGAL | 5/10/99     | GW06410TE | 1,2,3-TRICHLOROPROPANE         | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| 891COLGAL | 5/10/99     | GW06410TE | 1,2,4-TRICHLOROBENZENE         | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| 891COLGAL | 5/10/99     | GW06410TE | 1,2-DIBROMOETHANE              | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| 891COLGAL | 5/10/99     | GW06410TE | 1,2-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| 891COLGAL | 5/10/99     | GW06410TE | 1,2-DICHLOROETHANE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| 891COLGAL | 5/10/99     | GW06410TE | 1,2-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| 891COLGAL | 5/10/99     | GW06410TE | 1,3-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| 891COLGAL | 5/10/99     | GW06410TE | 1,3-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| 891COLGAL | 5/10/99     | GW06410TE | 1,4-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| 891COLGAL | 5/10/99     | GW06410TE | 2,2-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| 891COLGAL | 5/10/99     | GW06410TE | 4-ISOPROPYLTOLUENE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| 891COLGAL | 5/10/99     | GW06410TE | BENZENE                        | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| 891COLGAL | 5/10/99     | GW06410TE | BENZENE, 1,2,4-TRIMETHYL       | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| 891COLGAL | 5/10/99     | GW06410TE | BENZENE, 1,3,5-TRIMETHYL-      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| 891COLGAL | 5/10/99     | GW06410TE | BROMOBENZENE                   | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| 891COLGAL | 5/10/99     | GW06410TE | BROMOCHLOROMETHANE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| 891COLGAL | 5/10/99     | GW06410TE | BROMODICHLOROMETHANE           | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| 891COLGAL | 5/10/99     | GW06410TE | BROMOFORM                      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| 891COLGAL | 5/10/99     | GW06410TE | BROMOMETHANE                   | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| 891COLGAL | 5/10/99     | GW06410TE | CARBON TETRACHLORIDE           | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| 891COLGAL | 5/10/99     | GW06410TE | CHLOROBENZENE                  | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| 891COLGAL | 5/10/99     | GW06410TE | CHLOROETHANE                   | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| 891COLGAL | 5/10/99     | GW06410TE | CHLOROFORM                     | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| 891COLGAL | 5/10/99     | GW06410TE | CHLOROMETHANE                  | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| 891COLGAL | 5/10/99     | GW06410TE | cis-1,2-DICHLOROETHENE         | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| 891COLGAL | 5/10/99     | GW06410TE | cis-1,3-DICHLOROPROPENE        | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| 891COLGAL | 5/10/99     | GW06410TE | DIBROMOCHLOROMETHANE           | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| 891COLGAL | 5/10/99     | GW06410TE | DIBROMOMETHANE                 | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| 891COLGAL | 5/10/99     | GW06410TE | DICHLORODIFLUOROMETHANE        | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| 891COLGAL | 5/10/99     | GW06410TE | ETHYLBENZENE                   | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| 891COLGAL | 5/10/99     | GW06410TE | HEXACHLOROBUTADIENE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| 891COLGAL | 5/10/99     | GW06410TE | ISOPROPYLBENZENE               | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| 891COLGAL | 5/10/99     | GW06410TE | METHYLENE CHLORIDE             | 1      | UG/L  | U        | 1       | 1    | J1    | TR1         | Perf Monitoring  | REAL    |
| 891COLGAL | 5/10/99     | GW06410TE | NAPHTHALENE                    | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| 891COLGAL | 5/10/99     | GW06410TE | n-BUTYLBENZENE                 | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| 891COLGAL | 5/10/99     | GW06410TE | n-PROPYLBENZENE                | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| 891COLGAL | 5/10/99     | GW06410TE | o-CHLOROTOLUENE                | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| 891COLGAL | 5/10/99     | GW06410TE | p-CHLOROTOLUENE                | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| 891COLGAL | 5/10/99     | GW06410TE | PROPANE, 1,2-DIBROMO-3-CHLORO- | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| 891COLGAL | 5/10/99     | GW06410TE | sec-BUTYLBENZENE               | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| 891COLGAL | 5/10/99     | GW06410TE | STYRENE                        | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| 891COLGAL | 5/10/99     | GW06410TE | tert-BUTYLBENZENE              | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| 891COLGAL | 5/10/99     | GW06410TE | TETRACHLOROETHENE              | 0.2    | UG/L  | J        | 1       | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| 891COLGAL | 5/10/99     | GW06410TE | TOLUENE                        | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| 891COLGAL | 5/10/99     | GW06410TE | TOTAL XYLEMES                  | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| 891COLGAL | 5/10/99     | GW06410TE | trans-1,2-DICHLOROETHENE       | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| 891COLGAL | 5/10/99     | GW06410TE | trans-1,3-DICHLOROPROPENE      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| 891COLGAL | 5/10/99     | GW06410TE | TRICHLOROETHENE                | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| 891COLGAL | 5/10/99     | GW06410TE | TRICHLOROFLUOROMETHANE         | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| 891COLGAL | 5/10/99     | GW06410TE | VINYL CHLORIDE                 | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| 391COLWEL | 5/11/99     | GW06409TE | 1,1,1,2-TETRACHLOROETHANE      | 20     | UG/L  | U        | 20      | 20   | V1    | TR1         | Perf Monitoring  | REAL    |
| 391COLWEL | 5/11/99     | GW06409TE | 1,1,1-TRICHLOROETHANE          | 20     | UG/L  | U        | 20      | 20   | V1    | TR1         | Perf Monitoring  | REAL    |
| 391COLWEL | 5/11/99     | GW06409TE | 1,1,2,2-TETRACHLOROETHANE      | 20     | UG/L  | U        | 20      | 20   | V1    | TR1         | Perf Monitoring  | REAL    |
| 391COLWEL | 5/11/99     | GW06409TE | 1,1,2-TRICHLOROETHANE          | 20     | UG/L  | U        | 20      | 20   | V1    | TR1         | Perf Monitoring  | REAL    |

## Appendix A: Groundwater Analytical Data - VOCs

Second Quarter 1999

| Location  | Sample Date | Sample #  | Analyte                        | Result | Units | Lab Qual | Det Lim | Dilu | Valid | Result Type | IMP Well Class  | QC Type |
|-----------|-------------|-----------|--------------------------------|--------|-------|----------|---------|------|-------|-------------|-----------------|---------|
| 391COLWEL | 5/11/99     | GW06409TE | 1,1-DICHLOROETHANE             | 20     | UG/L  | U        | 20      | 20   | V1    | TR1         | Perf Monitoring | REAL    |
| 391COLWEL | 5/11/99     | GW06409TE | 1,1-DICHLOROETHENE             | 6      | UG/L  | J        | 20      | 20   | V1    | TR1         | Perf Monitoring | REAL    |
| 391COLWEL | 5/11/99     | GW06409TE | 1,1-DICHLOROPROPENE            | 20     | UG/L  | U        | 20      | 20   | V1    | TR1         | Perf Monitoring | REAL    |
| 391COLWEL | 5/11/99     | GW06409TE | 1,2,3-TRICHLOROBENZENE         | 20     | UG/L  | U        | 20      | 20   | V1    | TR1         | Perf Monitoring | REAL    |
| 391COLWEL | 5/11/99     | GW06409TE | 1,2,3-TRICHLOROPROPANE         | 20     | UG/L  | U        | 20      | 20   | V1    | TR1         | Perf Monitoring | REAL    |
| 391COLWEL | 5/11/99     | GW06409TE | 1,2,4-TRICHLOROBENZENE         | 20     | UG/L  | U        | 20      | 20   | V1    | TR1         | Perf Monitoring | REAL    |
| 391COLWEL | 5/11/99     | GW06409TE | 1,2-DIBROMOETHANE              | 20     | UG/L  | U        | 20      | 20   | V1    | TR1         | Perf Monitoring | REAL    |
| 391COLWEL | 5/11/99     | GW06409TE | 1,2-DICHLOROBENZENE            | 20     | UG/L  | U        | 20      | 20   | V1    | TR1         | Perf Monitoring | REAL    |
| 391COLWEL | 5/11/99     | GW06409TE | 1,2-DICHLOROETHANE             | 20     | UG/L  | U        | 20      | 20   | V1    | TR1         | Perf Monitoring | REAL    |
| 391COLWEL | 5/11/99     | GW06409TE | 1,2-DICHLOROPROPANE            | 20     | UG/L  | U        | 20      | 20   | V1    | TR1         | Perf Monitoring | REAL    |
| 391COLWEL | 5/11/99     | GW06409TE | 1,3-DICHLOROBENZENE            | 20     | UG/L  | U        | 20      | 20   | V1    | TR1         | Perf Monitoring | REAL    |
| 391COLWEL | 5/11/99     | GW06409TE | 1,3-DICHLOROPROPANE            | 20     | UG/L  | U        | 20      | 20   | V1    | TR1         | Perf Monitoring | REAL    |
| 391COLWEL | 5/11/99     | GW06409TE | 1,4-DICHLOROBENZENE            | 20     | UG/L  | U        | 20      | 20   | V1    | TR1         | Perf Monitoring | REAL    |
| 391COLWEL | 5/11/99     | GW06409TE | 2,2-DICHLOROPROPANE            | 20     | UG/L  | U        | 20      | 20   | V1    | TR1         | Perf Monitoring | REAL    |
| 391COLWEL | 5/11/99     | GW06409TE | 4-ISOPROPYL TOLUENE            | 20     | UG/L  | U        | 20      | 20   | V1    | TR1         | Perf Monitoring | REAL    |
| 391COLWEL | 5/11/99     | GW06409TE | BENZENE                        | 20     | UG/L  | U        | 20      | 20   | V1    | TR1         | Perf Monitoring | REAL    |
| 391COLWEL | 5/11/99     | GW06409TE | BENZENE, 1,2,4-TRIMETHYL       | 20     | UG/L  | U        | 20      | 20   | V1    | TR1         | Perf Monitoring | REAL    |
| 391COLWEL | 5/11/99     | GW06409TE | BENZENE, 1,3,5-TRIMETHYL-      | 20     | UG/L  | U        | 20      | 20   | V1    | TR1         | Perf Monitoring | REAL    |
| 391COLWEL | 5/11/99     | GW06409TE | BROMOBENZENE                   | 20     | UG/L  | U        | 20      | 20   | V1    | TR1         | Perf Monitoring | REAL    |
| 391COLWEL | 5/11/99     | GW06409TE | BROMOCHLOROMETHANE             | 20     | UG/L  | U        | 20      | 20   | V1    | TR1         | Perf Monitoring | REAL    |
| 391COLWEL | 5/11/99     | GW06409TE | BROMODICHLOROMETHANE           | 20     | UG/L  | U        | 20      | 20   | V1    | TR1         | Perf Monitoring | REAL    |
| 391COLWEL | 5/11/99     | GW06409TE | BROMOFORM                      | 20     | UG/L  | U        | 20      | 20   | V1    | TR1         | Perf Monitoring | REAL    |
| 391COLWEL | 5/11/99     | GW06409TE | BROMOMETHANE                   | 20     | UG/L  | U        | 20      | 20   | V1    | TR1         | Perf Monitoring | REAL    |
| 391COLWEL | 5/11/99     | GW06409TE | CARBON TETRACHLORIDE           | 6      | UG/L  | J        | 20      | 20   | V1    | TR1         | Perf Monitoring | REAL    |
| 391COLWEL | 5/11/99     | GW06409TE | CHLOROBENZENE                  | 20     | UG/L  | U        | 20      | 20   | V1    | TR1         | Perf Monitoring | REAL    |
| 391COLWEL | 5/11/99     | GW06409TE | CHLOROETHANE                   | 20     | UG/L  | U        | 20      | 20   | V1    | TR1         | Perf Monitoring | REAL    |
| 391COLWEL | 5/11/99     | GW06409TE | CHLOROFORM                     | 20     | UG/L  | U        | 20      | 20   | V1    | TR1         | Perf Monitoring | REAL    |
| 391COLWEL | 5/11/99     | GW06409TE | CHLOROMETHANE                  | 20     | UG/L  | U        | 20      | 20   | V1    | TR1         | Perf Monitoring | REAL    |
| 391COLWEL | 5/11/99     | GW06409TE | cis-1,2-DICHLOROETHENE         | 20     | UG/L  | U        | 20      | 20   | V1    | TR1         | Perf Monitoring | REAL    |
| 391COLWEL | 5/11/99     | GW06409TE | cis-1,3-DICHLOROPROPENE        | 20     | UG/L  | U        | 20      | 20   | V1    | TR1         | Perf Monitoring | REAL    |
| 391COLWEL | 5/11/99     | GW06409TE | DIBROMOCHLOROMETHANE           | 20     | UG/L  | U        | 20      | 20   | V1    | TR1         | Perf Monitoring | REAL    |
| 391COLWEL | 5/11/99     | GW06409TE | DIBROMOMETHANE                 | 20     | UG/L  | U        | 20      | 20   | V1    | TR1         | Perf Monitoring | REAL    |
| 391COLWEL | 5/11/99     | GW06409TE | DICHLORODIFLUOROMETHANE        | 20     | UG/L  | U        | 20      | 20   | V1    | TR1         | Perf Monitoring | REAL    |
| 391COLWEL | 5/11/99     | GW06409TE | ETHYLBENZENE                   | 20     | UG/L  | U        | 20      | 20   | V1    | TR1         | Perf Monitoring | REAL    |
| 391COLWEL | 5/11/99     | GW06409TE | HEXACHLOROBUTADIENE            | 20     | UG/L  | U        | 20      | 20   | V1    | TR1         | Perf Monitoring | REAL    |
| 391COLWEL | 5/11/99     | GW06409TE | ISOPROPYL BENZENE              | 20     | UG/L  | U        | 20      | 20   | V1    | TR1         | Perf Monitoring | REAL    |
| 391COLWEL | 5/11/99     | GW06409TE | METHYLENE CHLORIDE             | 10     | UG/L  | BJ       | 20      | 20   | J1    | TR1         | Perf Monitoring | REAL    |
| 391COLWEL | 5/11/99     | GW06409TE | NAPHTHALENE                    | 20     | UG/L  | U        | 20      | 20   | V1    | TR1         | Perf Monitoring | REAL    |
| 391COLWEL | 5/11/99     | GW06409TE | n-BUTYL BENZENE                | 20     | UG/L  | U        | 20      | 20   | V1    | TR1         | Perf Monitoring | REAL    |
| 391COLWEL | 5/11/99     | GW06409TE | n-PROPYLBENZENE                | 20     | UG/L  | U        | 20      | 20   | V1    | TR1         | Perf Monitoring | REAL    |
| 391COLWEL | 5/11/99     | GW06409TE | o-CHLOROTOLUENE                | 20     | UG/L  | U        | 20      | 20   | V1    | TR1         | Perf Monitoring | REAL    |
| 391COLWEL | 5/11/99     | GW06409TE | p-CHLOROTOLUENE                | 20     | UG/L  | U        | 20      | 20   | V1    | TR1         | Perf Monitoring | REAL    |
| 391COLWEL | 5/11/99     | GW06409TE | PROPANE, 1,2-DIBROMO-3-CHLORO- | 20     | UG/L  | U        | 20      | 20   | V1    | TR1         | Perf Monitoring | REAL    |
| 391COLWEL | 5/11/99     | GW06409TE | sec-BUTYL BENZENE              | 20     | UG/L  | U        | 20      | 20   | V1    | TR1         | Perf Monitoring | REAL    |
| 391COLWEL | 5/11/99     | GW06409TE | STYRENE                        | 20     | UG/L  | U        | 20      | 20   | V1    | TR1         | Perf Monitoring | REAL    |
| 391COLWEL | 5/11/99     | GW06409TE | tert-BUTYL BENZENE             | 20     | UG/L  | U        | 20      | 20   | V1    | TR1         | Perf Monitoring | REAL    |
| 391COLWEL | 5/11/99     | GW06409TE | TETRA CHLOROETHENE             | 54     | UG/L  |          | 20      | 20   | V1    | TR1         | Perf Monitoring | REAL    |
| 391COLWEL | 5/11/99     | GW06409TE | TOLUENE                        | 20     | UG/L  | U        | 20      | 20   | V1    | TR1         | Perf Monitoring | REAL    |
| 391COLWEL | 5/11/99     | GW06409TE | TOTAL XYLEMES                  | 20     | UG/L  | U        | 20      | 20   | V1    | TR1         | Perf Monitoring | REAL    |
| 391COLWEL | 5/11/99     | GW06409TE | trans-1,2-DICHLOROETHENE       | 20     | UG/L  | U        | 20      | 20   | V1    | TR1         | Perf Monitoring | REAL    |
| 391COLWEL | 5/11/99     | GW06409TE | trans-1,3-DICHLOROPROPENE      | 20     | UG/L  | U        | 20      | 20   | V1    | TR1         | Perf Monitoring | REAL    |
| 391COLWEL | 5/11/99     | GW06409TE | TRICHLOROETHENE                | 390    | UG/L  |          | 20      | 20   | V1    | TR1         | Perf Monitoring | REAL    |
| 391COLWEL | 5/11/99     | GW06409TE | TRICHLOROFUOROMETHANE          | 20     | UG/L  | U        | 20      | 20   | V1    | TR1         | Perf Monitoring | REAL    |
| 391COLWEL | 5/11/99     | GW06409TE | VINYL CHLORIDE                 | 20     | UG/L  | U        | 20      | 20   | V1    | TR1         | Perf Monitoring | REAL    |
| B208789   | 4/26/99     | GW06379TE | 1,1,1,2-TETRA CHLOROETHANE     | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
| B208789   | 4/26/99     | GW06379TE | 1,1,1-TRICHLOROETHANE          | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
| B208789   | 4/26/99     | GW06379TE | 1,1,2,2-TETRA CHLOROETHANE     | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
| B208789   | 4/26/99     | GW06379TE | 1,1,2-TRICHLOROETHANE          | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
| B208789   | 4/26/99     | GW06379TE | 1,1-DICHLOROETHENE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
| B208789   | 4/26/99     | GW06379TE | 1,1-DICHLOROPROPENE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
| B208789   | 4/26/99     | GW06379TE | 1,2,3-TRICHLOROBENZENE         | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent    | REAL    |
| B208789   | 4/26/99     | GW06379TE | 1,2,3-TRICHLOROPROPANE         | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent    | REAL    |
| B208789   | 4/26/99     | GW06379TE | 1,2,4-TRICHLOROBENZENE         | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent    | REAL    |

## Appendix A: Groundwater Analytical Data - VOCs

Second Quarter 1999

| Location | Sample Date | Sample #  | Analyte                        | Result | Units | Lab Qual | Det Lim | Dilu | Valid | Result Type | IMP Well Class   | QC Type |
|----------|-------------|-----------|--------------------------------|--------|-------|----------|---------|------|-------|-------------|------------------|---------|
| B208789  | 4/26/99     | GW06379TE | 1,2-DIBROMOETHANE              | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent     | REAL    |
| B208789  | 4/26/99     | GW06379TE | 1,2-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent     | REAL    |
| B208789  | 4/26/99     | GW06379TE | 1,2-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent     | REAL    |
| B208789  | 4/26/99     | GW06379TE | 1,3-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent     | REAL    |
| B208789  | 4/26/99     | GW06379TE | 1,3-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent     | REAL    |
| B208789  | 4/26/99     | GW06379TE | 1,4-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent     | REAL    |
| B208789  | 4/26/99     | GW06379TE | 2,2-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent     | REAL    |
| B208789  | 4/26/99     | GW06379TE | 4-ISOPROPYLtolUENE             | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent     | REAL    |
| B208789  | 4/26/99     | GW06379TE | BENZENE                        | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent     | REAL    |
| B208789  | 4/26/99     | GW06379TE | BENZENE, 1,2,4-TRIMETHYL       | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent     | REAL    |
| B208789  | 4/26/99     | GW06379TE | BENZENE, 1,3,5-TRIMETHYL-      | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent     | REAL    |
| B208789  | 4/26/99     | GW06379TE | BROMOBENZENE                   | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent     | REAL    |
| B208789  | 4/26/99     | GW06379TE | BROMOCHLOROMETHANE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent     | REAL    |
| B208789  | 4/26/99     | GW06379TE | BROMODICHLOROMETHANE           | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent     | REAL    |
| B208789  | 4/26/99     | GW06379TE | BROMOFORM                      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent     | REAL    |
| B208789  | 4/26/99     | GW06379TE | BROMOMETHANE                   | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent     | REAL    |
| B208789  | 4/26/99     | GW06379TE | CARBON TETRACHLORIDE           | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent     | REAL    |
| B208789  | 4/26/99     | GW06379TE | CHLOROBENZENE                  | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent     | REAL    |
| B208789  | 4/26/99     | GW06379TE | CHLOROETHANE                   | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent     | REAL    |
| B208789  | 4/26/99     | GW06379TE | CHLOROFORM                     | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent     | REAL    |
| B208789  | 4/26/99     | GW06379TE | CHLOROMETHANE                  | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent     | REAL    |
| B208789  | 4/26/99     | GW06379TE | cis-1,2-DICHLOROETHENE         | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent     | REAL    |
| B208789  | 4/26/99     | GW06379TE | cis-1,3-DICHLOROPROPENE        | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent     | REAL    |
| B208789  | 4/26/99     | GW06379TE | DIBROMOCHLOROMETHANE           | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent     | REAL    |
| B208789  | 4/26/99     | GW06379TE | DIbROMOMETHANE                 | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent     | REAL    |
| B208789  | 4/26/99     | GW06379TE | DICHLORODIFLUOROMETHANE        | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent     | REAL    |
| B208789  | 4/26/99     | GW06379TE | ETHYLBENZENE                   | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent     | REAL    |
| B208789  | 4/26/99     | GW06379TE | HEXACHLOROBUTADIENE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent     | REAL    |
| B208789  | 4/26/99     | GW06379TE | ISOPROPYLBENZENE               | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent     | REAL    |
| B208789  | 4/26/99     | GW06379TE | METHYLENE CHLORIDE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent     | REAL    |
| B208789  | 4/26/99     | GW06379TE | NAPHTHALENE                    | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent     | REAL    |
| B208789  | 4/26/99     | GW06379TE | n-BUTYLBENZENE                 | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent     | REAL    |
| B208789  | 4/26/99     | GW06379TE | n-PROPYLBENZENE                | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent     | REAL    |
| B208789  | 4/26/99     | GW06379TE | o-CHLOROTOLUENE                | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent     | REAL    |
| B208789  | 4/26/99     | GW06379TE | p-CHLOROTOLUENE                | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent     | REAL    |
| B208789  | 4/26/99     | GW06379TE | PROPANE, 1,2-DIBROMO-3-CHLORO- | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent     | REAL    |
| B208789  | 4/26/99     | GW06379TE | sec-BUTYLBENZENE               | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent     | REAL    |
| B208789  | 4/26/99     | GW06379TE | STYRENE                        | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent     | REAL    |
| B208789  | 4/26/99     | GW06379TE | tert-BUTYLBENZENE              | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent     | REAL    |
| B208789  | 4/26/99     | GW06379TE | TETRACHLOROETHENE              | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent     | REAL    |
| B208789  | 4/26/99     | GW06379TE | TOLUENE                        | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent     | REAL    |
| B208789  | 4/26/99     | GW06379TE | TOTAL XYLEMES                  | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent     | REAL    |
| B208789  | 4/26/99     | GW06379TE | trans-1,2-DICHLOROETHENE       | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent     | REAL    |
| B208789  | 4/26/99     | GW06379TE | trans-1,3-DICHLOROPROPENE      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent     | REAL    |
| B208789  | 4/26/99     | GW06379TE | TRICHLOROETHENE                | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent     | REAL    |
| B208789  | 4/26/99     | GW06379TE | TRICHLOROFUOROMETHANE          | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent     | REAL    |
| B208789  | 4/26/99     | GW06379TE | VINYL CHLORIDE                 | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent     | REAL    |
| P209289  | 5/4/99      | GW06380TE | 1,1,1,2-TETRACHLOROETHANE      | 5      | UG/L  | U        | 5       | 5    | V1    | TR1         | Plume Definition | REAL    |
| P209289  | 5/4/99      | GW06380TE | 1,1,1-TRICHLOROETHANE          | 5      | UG/L  | U        | 5       | 5    | V1    | TR1         | Plume Definition | REAL    |
| P209289  | 5/4/99      | GW06380TE | 1,1,2,2-TETRACHLOROETHANE      | 5      | UG/L  | U        | 5       | 5    | V1    | TR1         | Plume Definition | REAL    |
| P209289  | 5/4/99      | GW06380TE | 1,1,2-TRICHLOROETHANE          | 5      | UG/L  | U        | 5       | 5    | V1    | TR1         | Plume Definition | REAL    |
| P209289  | 5/4/99      | GW06380TE | 1,1-DICHLOROETHANE             | 5      | UG/L  | U        | 5       | 5    | V1    | TR1         | Plume Definition | REAL    |
| P209289  | 5/4/99      | GW06380TE | 1,1-DICHLOROETHENE             | 5      | UG/L  | U        | 5       | 5    | V1    | TR1         | Plume Definition | REAL    |
| P209289  | 5/4/99      | GW06380TE | 1,1-DICHLOROPROPENE            | 5      | UG/L  | U        | 5       | 5    | V1    | TR1         | Plume Definition | REAL    |
| P209289  | 5/4/99      | GW06380TE | 1,2,3-TRICHLOROBENZENE         | 5      | UG/L  | U        | 5       | 5    | UJ1   | TR1         | Plume Definition | REAL    |
| P209289  | 5/4/99      | GW06380TE | 1,2,3-TRICHLOROPROPANE         | 5      | UG/L  | U        | 5       | 5    | V1    | TR1         | Plume Definition | REAL    |
| P209289  | 5/4/99      | GW06380TE | 1,2,4-TRICHLOROBENZENE         | 5      | UG/L  | U        | 5       | 5    | UJ1   | TR1         | Plume Definition | REAL    |
| P209289  | 5/4/99      | GW06380TE | 1,2-DIBROMOETHANE              | 5      | UG/L  | U        | 5       | 5    | V1    | TR1         | Plume Definition | REAL    |
| P209289  | 5/4/99      | GW06380TE | 1,2-DICHLOROBENZENE            | 5      | UG/L  | U        | 5       | 5    | UJ1   | TR1         | Plume Definition | REAL    |
| P209289  | 5/4/99      | GW06380TE | 1,2-DICHLOROETHANE             | 5      | UG/L  | U        | 5       | 5    | V1    | TR1         | Plume Definition | REAL    |
| P209289  | 5/4/99      | GW06380TE | 1,2-DICHLOROPROPANE            | 5      | UG/L  | U        | 5       | 5    | V1    | TR1         | Plume Definition | REAL    |
| P209289  | 5/4/99      | GW06380TE | 1,3-DICHLOROBENZENE            | 5      | UG/L  | U        | 5       | 5    | UJ1   | TR1         | Plume Definition | REAL    |
| P209289  | 5/4/99      | GW06380TE | 1,4-DICHLOROBENZENE            | 5      | UG/L  | U        | 5       | 5    | V1    | TR1         | Plume Definition | REAL    |

## Appendix A: Groundwater Analytical Data - VOCs

Second Quarter 1999

| Location | Sample Date | Sample #  | Analyte                        | Result | Units | Lab Qual | Det Lim | Dilu | Valid | Result Type | IMP Well Class   | QC Type |
|----------|-------------|-----------|--------------------------------|--------|-------|----------|---------|------|-------|-------------|------------------|---------|
| P209289  | 5/4/99      | GW06380TE | 2,2-DICHLOROPROPANE            | 5      | UG/L  | U        | 5       | 5    | V1    | TR1         | Plume Definition | REAL    |
| P209289  | 5/4/99      | GW06380TE | 4-ISOPROPYLtoluene             | 5      | UG/L  | U        | 5       | 5    | UJ1   | TR1         | Plume Definition | REAL    |
| P209289  | 5/4/99      | GW06380TE | BENZENE                        | 5      | UG/L  | U        | 5       | 5    | UJ1   | TR1         | Plume Definition | REAL    |
| P209289  | 5/4/99      | GW06380TE | BENZENE, 1,2,4-TRIMETHYL-      | 5      | UG/L  | U        | 5       | 5    | UJ1   | TR1         | Plume Definition | REAL    |
| P209289  | 5/4/99      | GW06380TE | BENZENE, 1,3,5-TRIMETHYL-      | 5      | UG/L  | U        | 5       | 5    | UJ1   | TR1         | Plume Definition | REAL    |
| P209289  | 5/4/99      | GW06380TE | BROMOBENZENE                   | 5      | UG/L  | U        | 5       | 5    | UJ1   | TR1         | Plume Definition | REAL    |
| P209289  | 5/4/99      | GW06380TE | BROMOCHLOROMETHANE             | 5      | UG/L  | U        | 5       | 5    | V1    | TR1         | Plume Definition | REAL    |
| P209289  | 5/4/99      | GW06380TE | BROMODICHLOROMETHANE           | 5      | UG/L  | U        | 5       | 5    | V1    | TR1         | Plume Definition | REAL    |
| P209289  | 5/4/99      | GW06380TE | BROMOFORM                      | 5      | UG/L  | U        | 5       | 5    | V1    | TR1         | Plume Definition | REAL    |
| P209289  | 5/4/99      | GW06380TE | BROMOMETHANE                   | 5      | UG/L  | U        | 5       | 5    | V1    | TR1         | Plume Definition | REAL    |
| P209289  | 5/4/99      | GW06380TE | CARBON TETRACHLORIDE           | 58     | UG/L  |          | 5       | 5    | V1    | TR1         | Plume Definition | REAL    |
| P209289  | 5/4/99      | GW06380TE | CHLOROBENZENE                  | 5      | UG/L  | U        | 5       | 5    | UJ1   | TR1         | Plume Definition | REAL    |
| P209289  | 5/4/99      | GW06380TE | CHLOROETHANE                   | 5      | UG/L  | U        | 5       | 5    | V1    | TR1         | Plume Definition | REAL    |
| P209289  | 5/4/99      | GW06380TE | CHLOROFORM                     | 37     | UG/L  |          | 5       | 5    | V1    | TR1         | Plume Definition | REAL    |
| P209289  | 5/4/99      | GW06380TE | CHLOROMETHANE                  | 5      | UG/L  | U        | 5       | 5    | V1    | TR1         | Plume Definition | REAL    |
| P209289  | 5/4/99      | GW06380TE | cis-1,2-DICHLOROETHENE         | 5      | UG/L  | U        | 5       | 5    | V1    | TR1         | Plume Definition | REAL    |
| P209289  | 5/4/99      | GW06380TE | cis-1,3-DICHLOROPROPENE        | 5      | UG/L  | U        | 5       | 5    | V1    | TR1         | Plume Definition | REAL    |
| P209289  | 5/4/99      | GW06380TE | DIBROMOCHLOROMETHANE           | 5      | UG/L  | U        | 5       | 5    | V1    | TR1         | Plume Definition | REAL    |
| P209289  | 5/4/99      | GW06380TE | DIBROMOMETHANE                 | 5      | UG/L  | U        | 5       | 5    | V1    | TR1         | Plume Definition | REAL    |
| P209289  | 5/4/99      | GW06380TE | DICHLORODIFLUOROMETHANE        | 5      | UG/L  | U        | 5       | 5    | V1    | TR1         | Plume Definition | REAL    |
| P209289  | 5/4/99      | GW06380TE | ETHYLBENZENE                   | 5      | UG/L  | U        | 5       | 5    | UJ1   | TR1         | Plume Definition | REAL    |
| P209289  | 5/4/99      | GW06380TE | HEXACHLOROBUTADIENE            | 5      | UG/L  | U        | 5       | 5    | V1    | TR1         | Plume Definition | REAL    |
| P209289  | 5/4/99      | GW06380TE | ISOPROPYLBENZENE               | 5      | UG/L  | U        | 5       | 5    | UJ1   | TR1         | Plume Definition | REAL    |
| P209289  | 5/4/99      | GW06380TE | METHYLENE CHLORIDE             | 1      | UG/L  | BJ       | 5       | 5    | JB1   | TR1         | Plume Definition | REAL    |
| P209289  | 5/4/99      | GW06380TE | NAPHTHALENE                    | 5      | UG/L  | U        | 5       | 5    | V1    | TR1         | Plume Definition | REAL    |
| P209289  | 5/4/99      | GW06380TE | n-BUTYLBENZENE                 | 5      | UG/L  | U        | 5       | 5    | UJ1   | TR1         | Plume Definition | REAL    |
| P209289  | 5/4/99      | GW06380TE | n-PROPYLBENZENE                | 5      | UG/L  | U        | 5       | 5    | UJ1   | TR1         | Plume Definition | REAL    |
| P209289  | 5/4/99      | GW06380TE | o-CHLOROTOLUENE                | 5      | UG/L  | U        | 5       | 5    | UJ1   | TR1         | Plume Definition | REAL    |
| P209289  | 5/4/99      | GW06380TE | p-CHLOROTOLUENE                | 5      | UG/L  | U        | 5       | 5    | UJ1   | TR1         | Plume Definition | REAL    |
| P209289  | 5/4/99      | GW06380TE | PROPANE, 1,2-DIBROMO-3-CHLORO- | 5      | UG/L  | U        | 5       | 5    | V1    | TR1         | Plume Definition | REAL    |
| P209289  | 5/4/99      | GW06380TE | sec-BUTYLBENZENE               | 5      | UG/L  | U        | 5       | 5    | UJ1   | TR1         | Plume Definition | REAL    |
| P209289  | 5/4/99      | GW06380TE | STYRENE                        | 5      | UG/L  | U        | 5       | 5    | UJ1   | TR1         | Plume Definition | REAL    |
| P209289  | 5/4/99      | GW06380TE | tert-BUTYLBENZENE              | 5      | UG/L  | U        | 5       | 5    | UJ1   | TR1         | Plume Definition | REAL    |
| P209289  | 5/4/99      | GW06380TE | TETRACHLOROETHENE              | 0.6    | UG/L  | J        | 5       | 5    | V1    | TR1         | Plume Definition | REAL    |
| P209289  | 5/4/99      | GW06380TE | TOLUENE                        | 5      | UG/L  | U        | 5       | 5    | UJ1   | TR1         | Plume Definition | REAL    |
| P209289  | 5/4/99      | GW06380TE | TOTAL XYLEMES                  | 5      | UG/L  | U        | 5       | 5    | UJ1   | TR1         | Plume Definition | REAL    |
| P209289  | 5/4/99      | GW06380TE | trans-1,2-DICHLOROETHENE       | 5      | UG/L  | U        | 5       | 5    | V1    | TR1         | Plume Definition | REAL    |
| P209289  | 5/4/99      | GW06380TE | trans-1,3-DICHLOROPROPENE      | 5      | UG/L  | U        | 5       | 5    | V1    | TR1         | Plume Definition | REAL    |
| P209289  | 5/4/99      | GW06380TE | TRICHLOROETHENE                | 5      | UG/L  | U        | 5       | 5    | V1    | TR1         | Plume Definition | REAL    |
| P209289  | 5/4/99      | GW06380TE | TRICHLOROFUOROMETHANE          | 5      | UG/L  | U        | 5       | 5    | V1    | TR1         | Plume Definition | REAL    |
| P209289  | 5/4/99      | GW06380TE | VINYL CHLORIDE                 | 5      | UG/L  | U        | 5       | 5    | V1    | TR1         | Plume Definition | REAL    |
| P209489  | 5/12/99     | GW06381TE | 1,1,1,2-TETRACHLOROETHANE      | 4      | UG/L  | U        | 4       | 4    | V1    | TR1         | Plume Definition | REAL    |
| P209489  | 5/12/99     | GW06381TE | 1,1,1-TRICHLOROETHANE          | 4      | UG/L  | U        | 4       | 4    | V1    | TR1         | Plume Definition | REAL    |
| P209489  | 5/12/99     | GW06381TE | 1,1,2,2-TETRACHLOROETHANE      | 4      | UG/L  | U        | 4       | 4    | V1    | TR1         | Plume Definition | REAL    |
| P209489  | 5/12/99     | GW06381TE | 1,1,2-TRICHLOROETHANE          | 4      | UG/L  | U        | 4       | 4    | V1    | TR1         | Plume Definition | REAL    |
| P209489  | 5/12/99     | GW06381TE | 1,1-DICHLOROETHANE             | 0.7    | UG/L  | J        | 4       | 4    | V1    | TR1         | Plume Definition | REAL    |
| P209489  | 5/12/99     | GW06381TE | 1,1-DICHLOROETHENE             | 4      | UG/L  | U        | 4       | 4    | V1    | TR1         | Plume Definition | REAL    |
| P209489  | 5/12/99     | GW06381TE | 1,1-DICHLOROPROPENE            | 4      | UG/L  | U        | 4       | 4    | V1    | TR1         | Plume Definition | REAL    |
| P209489  | 5/12/99     | GW06381TE | 1,2,3-TRICHLOROBENZENE         | 4      | UG/L  | U        | 4       | 4    | V1    | TR1         | Plume Definition | REAL    |
| P209489  | 5/12/99     | GW06381TE | 1,2,3-TRICHLOROPROPANE         | 4      | UG/L  | U        | 4       | 4    | V1    | TR1         | Plume Definition | REAL    |
| P209489  | 5/12/99     | GW06381TE | 1,2,4-TRICHLOROBENZENE         | 4      | UG/L  | U        | 4       | 4    | V1    | TR1         | Plume Definition | REAL    |
| P209489  | 5/12/99     | GW06381TE | 1,2-DIBROMOETHANE              | 4      | UG/L  | U        | 4       | 4    | V1    | TR1         | Plume Definition | REAL    |
| P209489  | 5/12/99     | GW06381TE | 1,2-DICHLOROBENZENE            | 4      | UG/L  | U        | 4       | 4    | V1    | TR1         | Plume Definition | REAL    |
| P209489  | 5/12/99     | GW06381TE | 1,2-DICHLOROETHANE             | 4      | UG/L  | U        | 4       | 4    | V1    | TR1         | Plume Definition | REAL    |
| P209489  | 5/12/99     | GW06381TE | 1,2-DICHLOROPROPANE            | 4      | UG/L  | U        | 4       | 4    | V1    | TR1         | Plume Definition | REAL    |
| P209489  | 5/12/99     | GW06381TE | 1,3-DICHLOROBENZENE            | 4      | UG/L  | U        | 4       | 4    | V1    | TR1         | Plume Definition | REAL    |
| P209489  | 5/12/99     | GW06381TE | 1,3-DICHLOROPROPANE            | 4      | UG/L  | U        | 4       | 4    | V1    | TR1         | Plume Definition | REAL    |
| P209489  | 5/12/99     | GW06381TE | 1,4-DICHLOROBENZENE            | 4      | UG/L  | U        | 4       | 4    | V1    | TR1         | Plume Definition | REAL    |
| P209489  | 5/12/99     | GW06381TE | 2,2-DICHLOROPROPANE            | 4      | UG/L  | U        | 4       | 4    | V1    | TR1         | Plume Definition | REAL    |
| P209489  | 5/12/99     | GW06381TE | 4-ISOPROPYLtoluene             | 4      | UG/L  | U        | 4       | 4    | V1    | TR1         | Plume Definition | REAL    |
| P209489  | 5/12/99     | GW06381TE | BENZENE                        | 4      | UG/L  | U        | 4       | 4    | V1    | TR1         | Plume Definition | REAL    |
| P209489  | 5/12/99     | GW06381TE | BENZENE, 1,2,4-TRIMETHYL-      | 4      | UG/L  | U        | 4       | 4    | V1    | TR1         | Plume Definition | REAL    |
| P209489  | 5/12/99     | GW06381TE | BENZENE, 1,3,5-TRIMETHYL-      | 4      | UG/L  | U        | 4       | 4    | V1    | TR1         | Plume Definition | REAL    |

## Appendix A: Groundwater Analytical Data - VOCs

Second Quarter 1999

| Location | Sample Date | Sample #  | Analyte                        | Result | Units | Lab Qual | Det Lim | Dilu | Valid | Result Type | IMP Well Class   | QC Type |
|----------|-------------|-----------|--------------------------------|--------|-------|----------|---------|------|-------|-------------|------------------|---------|
| P209489  | 5/12/99     | GW06381TE | BROMOCHLOROMETHANE             | 4      | UG/L  | U        | 4       | 4    | V1    | TR1         | Plume Definition | REAL    |
| P209489  | 5/12/99     | GW06381TE | BROMODICHLOROMETHANE           | 4      | UG/L  | U        | 4       | 4    | V1    | TR1         | Plume Definition | REAL    |
| P209489  | 5/12/99     | GW06381TE | BROMOFORM                      | 4      | UG/L  | U        | 4       | 4    | V1    | TR1         | Plume Definition | REAL    |
| P209489  | 5/12/99     | GW06381TE | BROMOMETHANE                   | 4      | UG/L  | U        | 4       | 4    | V1    | TR1         | Plume Definition | REAL    |
| P209489  | 5/12/99     | GW06381TE | CARBON TETRACHLORIDE           | 55     | UG/L  |          | 4       | 4    | V1    | TR1         | Plume Definition | REAL    |
| P209489  | 5/12/99     | GW06381TE | CHLOROBENZENE                  | 4      | UG/L  | U        | 4       | 4    | V1    | TR1         | Plume Definition | REAL    |
| P209489  | 5/12/99     | GW06381TE | CHLOROETHANE                   | 4      | UG/L  | U        | 4       | 4    | V1    | TR1         | Plume Definition | REAL    |
| P209489  | 5/12/99     | GW06381TE | CHLOROFORM                     | 21     | UG/L  |          | 4       | 4    | V1    | TR1         | Plume Definition | REAL    |
| P209489  | 5/12/99     | GW06381TE | CHLOROMETHANE                  | 4      | UG/L  | U        | 4       | 4    | V1    | TR1         | Plume Definition | REAL    |
| P209489  | 5/12/99     | GW06381TE | cis-1,2-DICHLOROETHENE         | 7      | UG/L  |          | 4       | 4    | V1    | TR1         | Plume Definition | REAL    |
| P209489  | 5/12/99     | GW06381TE | cis-1,3-DICHLOROPROPENE        | 4      | UG/L  | J        | 4       | 4    | V1    | TR1         | Plume Definition | REAL    |
| P209489  | 5/12/99     | GW06381TE | DIBROMOCHLOROMETHANE           | 4      | UG/L  | U        | 4       | 4    | V1    | TR1         | Plume Definition | REAL    |
| P209489  | 5/12/99     | GW06381TE | DIBROMOMETHANE                 | 4      | UG/L  | U        | 4       | 4    | V1    | TR1         | Plume Definition | REAL    |
| P209489  | 5/12/99     | GW06381TE | DICHLORODIFLUOROMETHANE        | 4      | UG/L  | U        | 4       | 4    | V1    | TR1         | Plume Definition | REAL    |
| P209489  | 5/12/99     | GW06381TE | ETHYLBENZENE                   | 4      | UG/L  | U        | 4       | 4    | V1    | TR1         | Plume Definition | REAL    |
| P209489  | 5/12/99     | GW06381TE | HEXACHLOROBUTADIENE            | 4      | UG/L  | U        | 4       | 4    | V1    | TR1         | Plume Definition | REAL    |
| P209489  | 5/12/99     | GW06381TE | ISOPROPYLBENZENE               | 4      | UG/L  | U        | 4       | 4    | V1    | TR1         | Plume Definition | REAL    |
| P209489  | 5/12/99     | GW06381TE | METHYLENE CHLORIDE             | 4      | UG/L  | BJ       | 4       | 4    | JB1   | TR1         | Plume Definition | REAL    |
| P209489  | 5/12/99     | GW06381TE | NAPHTHALENE                    | 4      | UG/L  | U        | 4       | 4    | V1    | TR1         | Plume Definition | REAL    |
| P209489  | 5/12/99     | GW06381TE | n-BUTYLBENZENE                 | 4      | UG/L  | U        | 4       | 4    | V1    | TR1         | Plume Definition | REAL    |
| P209489  | 5/12/99     | GW06381TE | n-PROPYLBENZENE                | 4      | UG/L  | U        | 4       | 4    | V1    | TR1         | Plume Definition | REAL    |
| P209489  | 5/12/99     | GW06381TE | o-CHLOROTOLUENE                | 4      | UG/L  | U        | 4       | 4    | V1    | TR1         | Plume Definition | REAL    |
| P209489  | 5/12/99     | GW06381TE | p-CHLOROTOLUENE                | 4      | UG/L  | U        | 4       | 4    | V1    | TR1         | Plume Definition | REAL    |
| P209489  | 5/12/99     | GW06381TE | PROPANE, 1,2-DIBROMO-3-CHLORO- | 4      | UG/L  | U        | 4       | 4    | V1    | TR1         | Plume Definition | REAL    |
| P209489  | 5/12/99     | GW06381TE | sec-BUTYLBENZENE               | 4      | UG/L  | U        | 4       | 4    | V1    | TR1         | Plume Definition | REAL    |
| P209489  | 5/12/99     | GW06381TE | STYRENE                        | 4      | UG/L  | U        | 4       | 4    | V1    | TR1         | Plume Definition | REAL    |
| P209489  | 5/12/99     | GW06381TE | tert-BUTYLBENZENE              | 4      | UG/L  | U        | 4       | 4    | V1    | TR1         | Plume Definition | REAL    |
| P209489  | 5/12/99     | GW06381TE | TETRACHLOROETHENE              | 4      | UG/L  | U        | 4       | 4    | V1    | TR1         | Plume Definition | REAL    |
| P209489  | 5/12/99     | GW06381TE | TOLUENE                        | 4      | UG/L  | U        | 4       | 4    | V1    | TR1         | Plume Definition | REAL    |
| P209489  | 5/12/99     | GW06381TE | TOTAL XYLEMES                  | 4      | UG/L  | U        | 4       | 4    | V1    | TR1         | Plume Definition | REAL    |
| P209489  | 5/12/99     | GW06381TE | trans-1,2-DICHLOROETHENE       | 4      | UG/L  | U        | 4       | 4    | V1    | TR1         | Plume Definition | REAL    |
| P209489  | 5/12/99     | GW06381TE | trans-1,3-DICHLOROPROPENE      | 4      | UG/L  | U        | 4       | 4    | V1    | TR1         | Plume Definition | REAL    |
| P209489  | 5/12/99     | GW06381TE | TRICHLOROETHENE                | 4      | UG/L  | U        | 4       | 4    | V1    | TR1         | Plume Definition | REAL    |
| P209489  | 5/12/99     | GW06381TE | TRICHLOROFLUOROMETHANE         | 4      | UG/L  | U        | 4       | 4    | V1    | TR1         | Plume Definition | REAL    |
| P209489  | 5/12/99     | GW06381TE | VINYL CHLORIDE                 | 4      | UG/L  | U        | 4       | 4    | V1    | TR1         | Plume Definition | REAL    |
| P218389  | 5/3/99      | GW06382TE | 1,1,1,2-TETRACHLOROETHANE      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent     | REAL    |
| P218389  | 5/3/99      | GW06382TE | 1,1,1-TRICHLOROETHANE          | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent     | REAL    |
| P218389  | 5/3/99      | GW06382TE | 1,1,2,2-TETRACHLOROETHANE      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent     | REAL    |
| P218389  | 5/3/99      | GW06382TE | 1,1,2-TRICHLOROETHANE          | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent     | REAL    |
| P218389  | 5/3/99      | GW06382TE | 1,1-DICHLOROETHANE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent     | REAL    |
| P218389  | 5/3/99      | GW06382TE | 1,1-DICHLOROETHENE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent     | REAL    |
| P218389  | 5/3/99      | GW06382TE | 1,1-DICHLOROPROPENE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent     | REAL    |
| P218389  | 5/3/99      | GW06382TE | 1,2,3-TRICHLOROBENZENE         | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent     | REAL    |
| P218389  | 5/3/99      | GW06382TE | 1,2,3-TRICHLOROPROPANE         | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent     | REAL    |
| P218389  | 5/3/99      | GW06382TE | 1,2,4-TRICHLOROBENZENE         | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent     | REAL    |
| P218389  | 5/3/99      | GW06382TE | 1,2-DIBROMOETHANE              | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent     | REAL    |
| P218389  | 5/3/99      | GW06382TE | 1,2-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent     | REAL    |
| P218389  | 5/3/99      | GW06382TE | 1,2-DICHLOROETHANE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent     | REAL    |
| P218389  | 5/3/99      | GW06382TE | 1,2-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent     | REAL    |
| P218389  | 5/3/99      | GW06382TE | 1,3-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent     | REAL    |
| P218389  | 5/3/99      | GW06382TE | 1,3-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent     | REAL    |
| P218389  | 5/3/99      | GW06382TE | 1,4-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent     | REAL    |
| P218389  | 5/3/99      | GW06382TE | 2,2-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent     | REAL    |
| P218389  | 5/3/99      | GW06382TE | 4-ISOPROPYLTOLUENE             | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent     | REAL    |
| P218389  | 5/3/99      | GW06382TE | BENZENE                        | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent     | REAL    |
| P218389  | 5/3/99      | GW06382TE | BENZENE, 1,2,4-TRIMETHYL       | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent     | REAL    |
| P218389  | 5/3/99      | GW06382TE | BENZENE, 1,3,5-TRIMETHYL-      | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent     | REAL    |
| P218389  | 5/3/99      | GW06382TE | BROMOBENZENE                   | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent     | REAL    |
| P218389  | 5/3/99      | GW06382TE | BROMOCHLOROMETHANE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent     | REAL    |
| P218389  | 5/3/99      | GW06382TE | BROMODICHLOROMETHANE           | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent     | REAL    |
| P218389  | 5/3/99      | GW06382TE | BROMOFORM                      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent     | REAL    |
| P218389  | 5/3/99      | GW06382TE | BROMOMETHANE                   | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent     | REAL    |
| P218389  | 5/3/99      | GW06382TE | CARBON TETRACHLORIDE           | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent     | REAL    |
| P218389  | 5/3/99      | GW06382TE | CHLOROBENZENE                  | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent     | REAL    |

## Appendix A: Groundwater Analytical Data - VOCs

Second Quarter 1999

| Location | Sample Date | Sample #  | Analyte                        | Result | Units | Lab Qual | Det Lim | Dilu | Valid | Result Type | IMP Well Class   | QC Type |
|----------|-------------|-----------|--------------------------------|--------|-------|----------|---------|------|-------|-------------|------------------|---------|
| P218389  | 5/3/99      | GW06382TE | CHLOROETHANE                   | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent     | REAL    |
| P218389  | 5/3/99      | GW06382TE | CHLOROFORM                     | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent     | REAL    |
| P218389  | 5/3/99      | GW06382TE | CHLOROMETHANE                  | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent     | REAL    |
| P218389  | 5/3/99      | GW06382TE | cis-1,2-DICHLOROETHENE         | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent     | REAL    |
| P218389  | 5/3/99      | GW06382TE | cis-1,3-DICHLOROPROPENE        | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent     | REAL    |
| P218389  | 5/3/99      | GW06382TE | DIBROMOCHLOROMETHANE           | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent     | REAL    |
| P218389  | 5/3/99      | GW06382TE | DIBROMOMETHANE                 | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent     | REAL    |
| P218389  | 5/3/99      | GW06382TE | DICHLORODIFLUOROMETHANE        | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent     | REAL    |
| P218389  | 5/3/99      | GW06382TE | ETHYLBENZENE                   | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent     | REAL    |
| P218389  | 5/3/99      | GW06382TE | HEXAChLOROBUTADIENE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent     | REAL    |
| P218389  | 5/3/99      | GW06382TE | ISOPROPYLBENZENE               | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent     | REAL    |
| P218389  | 5/3/99      | GW06382TE | METHYLENE CHLORIDE             | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent     | REAL    |
| P218389  | 5/3/99      | GW06382TE | NAPHTHALENE                    | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent     | REAL    |
| P218389  | 5/3/99      | GW06382TE | n-BUTYLBENZENE                 | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent     | REAL    |
| P218389  | 5/3/99      | GW06382TE | n-PROPYLBENZENE                | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent     | REAL    |
| P218389  | 5/3/99      | GW06382TE | o-CHLOROTOLUENE                | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent     | REAL    |
| P218389  | 5/3/99      | GW06382TE | p-CHLOROTOLUENE                | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent     | REAL    |
| P218389  | 5/3/99      | GW06382TE | PROPANE, 1,2-DIBROMO-3-CHLORO- | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent     | REAL    |
| P218389  | 5/3/99      | GW06382TE | sec-BUTYLBENZENE               | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent     | REAL    |
| P218389  | 5/3/99      | GW06382TE | STYRENE                        | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent     | REAL    |
| P218389  | 5/3/99      | GW06382TE | tert-BUTYLBENZENE              | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent     | REAL    |
| P218389  | 5/3/99      | GW06382TE | TETRACHLOROETHENE              | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent     | REAL    |
| P218389  | 5/3/99      | GW06382TE | TOLUENE                        | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent     | REAL    |
| P218389  | 5/3/99      | GW06382TE | TOTAL XYLEMES                  | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent     | REAL    |
| P218389  | 5/3/99      | GW06382TE | trans-1,2-DICHLOROETHENE       | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent     | REAL    |
| P218389  | 5/3/99      | GW06382TE | trans-1,3-DICHLOROPROPENE      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent     | REAL    |
| P218389  | 5/3/99      | GW06382TE | TRICHLOROETHENE                | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent     | REAL    |
| P218389  | 5/3/99      | GW06382TE | TRICHLOROFLUOROMETHANE         | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent     | REAL    |
| P218389  | 5/3/99      | GW06382TE | VINYL CHLORIDE                 | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent     | REAL    |
| P219189  | 5/3/99      | GW06383TE | 1,1,1,2-TETRACHLOROETHANE      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| P219189  | 5/3/99      | GW06383TE | 1,1,1-TRICHLOROETHANE          | 4      | UG/L  |          | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| P219189  | 5/3/99      | GW06383TE | 1,1,2,2-TETRACHLOROETHANE      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| P219189  | 5/3/99      | GW06383TE | 1,1,2-TRICHLOROETHANE          | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| P219189  | 5/3/99      | GW06383TE | 1,1-DICHLOROETHANE             | 24     | UG/L  |          | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| P219189  | 5/3/99      | GW06383TE | 1,1-DICHLOROETHENE             | 23     | UG/L  |          | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| P219189  | 5/3/99      | GW06383TE | 1,1-DICHLOROPROPENE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| P219189  | 5/3/99      | GW06383TE | 1,2,3-TRICHLOROBENZENE         | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Definition | REAL    |
| P219189  | 5/3/99      | GW06383TE | 1,2,3-TRICHLOROPROPANE         | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| P219189  | 5/3/99      | GW06383TE | 1,2,4-TRICHLOROBENZENE         | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Definition | REAL    |
| P219189  | 5/3/99      | GW06383TE | 1,2-DIBROMOETHANE              | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| P219189  | 5/3/99      | GW06383TE | 1,2-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Definition | REAL    |
| P219189  | 5/3/99      | GW06383TE | 1,2-DICHLOROETHANE             | 0.3    | UG/L  | J        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| P219189  | 5/3/99      | GW06383TE | 1,2-DICHLOROPROPANE            | 0.5    | UG/L  | J        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| P219189  | 5/3/99      | GW06383TE | 1,3-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Definition | REAL    |
| P219189  | 5/3/99      | GW06383TE | 1,3-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| P219189  | 5/3/99      | GW06383TE | 1,4-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Definition | REAL    |
| P219189  | 5/3/99      | GW06383TE | 2,2-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| P219189  | 5/3/99      | GW06383TE | 4-ISOPROPYL TOLUENE            | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Definition | REAL    |
| P219189  | 5/3/99      | GW06383TE | BENZENE                        | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Definition | REAL    |
| P219189  | 5/3/99      | GW06383TE | BENZENE, 1,2,4-TRIMETHYL       | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Definition | REAL    |
| P219189  | 5/3/99      | GW06383TE | BROMOBENZENE                   | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Definition | REAL    |
| P219189  | 5/3/99      | GW06383TE | BROMOCHLOROMETHANE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| P219189  | 5/3/99      | GW06383TE | BROMODICHLOROMETHANE           | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| P219189  | 5/3/99      | GW06383TE | BROMOFORM                      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| P219189  | 5/3/99      | GW06383TE | BROMOMETHANE                   | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| P219189  | 5/3/99      | GW06383TE | CARBON TETRACHLORIDE           | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| P219189  | 5/3/99      | GW06383TE | CHLOROBENZENE                  | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Definition | REAL    |
| P219189  | 5/3/99      | GW06383TE | CHLOROETHANE                   | 0.3    | UG/L  | J        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| P219189  | 5/3/99      | GW06383TE | CHLOROFORM                     | 1      | UG/L  |          | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| P219189  | 5/3/99      | GW06383TE | CHLOROMETHANE                  | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| P219189  | 5/3/99      | GW06383TE | cis-1,2-DICHLOROETHENE         | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| P219189  | 5/3/99      | GW06383TE | cis-1,3-DICHLOROPROPENE        | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| P219189  | 5/3/99      | GW06383TE | DIBROMOCHLOROMETHANE           | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |

## Appendix A: Groundwater Analytical Data - VOCs

Second Quarter 1999

| Location | Sample Date | Sample #  | Analyte                        | Result | Units | Lab Qual | Det Lim | Dilu | Valid | Result Type | IMP Well Class   | QC Type |
|----------|-------------|-----------|--------------------------------|--------|-------|----------|---------|------|-------|-------------|------------------|---------|
| P219189  | 5/3/99      | GW06383TE | DIBROMOMETHANE                 | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| P219189  | 5/3/99      | GW06383TE | DICHLORODIFLUOROMETHANE        | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| P219189  | 5/3/99      | GW06383TE | ETHYLBENZENE                   | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Definition | REAL    |
| P219189  | 5/3/99      | GW06383TE | HEXACHLOROBUTADIENE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| P219189  | 5/3/99      | GW06383TE | ISOPROPYLBENZENE               | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Definition | REAL    |
| P219189  | 5/3/99      | GW06383TE | METHYLENE CHLORIDE             | 0.1    | UG/L  | JB       | 1       | 1    | JB1   | TR1         | Plume Definition | REAL    |
| P219189  | 5/3/99      | GW06383TE | NAPHTHALENE                    | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| P219189  | 5/3/99      | GW06383TE | n-BUTYLBENZENE                 | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Definition | REAL    |
| P219189  | 5/3/99      | GW06383TE | n-PROPYLBENZENE                | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Definition | REAL    |
| P219189  | 5/3/99      | GW06383TE | o-CHLOROTOLUENE                | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Definition | REAL    |
| P219189  | 5/3/99      | GW06383TE | p-CHLOROTOLUENE                | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Definition | REAL    |
| P219189  | 5/3/99      | GW06383TE | PROPANE, 1,2-DIBROMO-3-CHLORO- | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| P219189  | 5/3/99      | GW06383TE | sec-BUTYLBENZENE               | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Definition | REAL    |
| P219189  | 5/3/99      | GW06383TE | STYRENE                        | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Definition | REAL    |
| P219189  | 5/3/99      | GW06383TE | tert-BUTYLBENZENE              | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Definition | REAL    |
| P219189  | 5/3/99      | GW06383TE | TETRACHLOROETHENE              | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| P219189  | 5/3/99      | GW06383TE | TOLUENE                        | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Definition | REAL    |
| P219189  | 5/3/99      | GW06383TE | TOTAL XYLEMES                  | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Definition | REAL    |
| P219189  | 5/3/99      | GW06383TE | trans-1,2-DICHLOROETHENE       | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| P219189  | 5/3/99      | GW06383TE | trans-1,3-DICHLOROPROPENE      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| P219189  | 5/3/99      | GW06383TE | TRICHLOROETHENE                | 0.4    | UG/L  | J        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| P219189  | 5/3/99      | GW06383TE | TRICHLOROFLUOROMETHANE         | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| P219189  | 5/3/99      | GW06383TE | VINYL CHLORIDE                 | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| P219489  | 5/4/99      | GW06384TE | 1,1,1,2-TETRACHLOROETHANE      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent     | REAL    |
| P219489  | 5/4/99      | GW06384TE | 1,1,1-TRICHLOROETHANE          | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent     | REAL    |
| P219489  | 5/4/99      | GW06384TE | 1,1,2,2-TETRACHLOROETHANE      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent     | REAL    |
| P219489  | 5/4/99      | GW06384TE | 1,1,2-TRICHLOROETHANE          | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent     | REAL    |
| P219489  | 5/4/99      | GW06384TE | 1,1-DICHLOROETHANE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent     | REAL    |
| P219489  | 5/4/99      | GW06384TE | 1,1-DICHLOROETHENE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent     | REAL    |
| P219489  | 5/4/99      | GW06384TE | 1,1-DICHLOROPROPENE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent     | REAL    |
| P219489  | 5/4/99      | GW06384TE | 1,2,3-TRICHLOROBENZENE         | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent     | REAL    |
| P219489  | 5/4/99      | GW06384TE | 1,2,3-TRICHLOROPROPANE         | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent     | REAL    |
| P219489  | 5/4/99      | GW06384TE | 1,2,4-TRICHLOROBENZENE         | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent     | REAL    |
| P219489  | 5/4/99      | GW06384TE | 1,2-DIBROMOETHANE              | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent     | REAL    |
| P219489  | 5/4/99      | GW06384TE | 1,2-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent     | REAL    |
| P219489  | 5/4/99      | GW06384TE | 1,2-DICHLOROETHANE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent     | REAL    |
| P219489  | 5/4/99      | GW06384TE | 1,2-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent     | REAL    |
| P219489  | 5/4/99      | GW06384TE | 1,3-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent     | REAL    |
| P219489  | 5/4/99      | GW06384TE | 1,3-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent     | REAL    |
| P219489  | 5/4/99      | GW06384TE | 1,4-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent     | REAL    |
| P219489  | 5/4/99      | GW06384TE | 2,2-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent     | REAL    |
| P219489  | 5/4/99      | GW06384TE | 4-ISOPROPYLTOLEUNE             | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent     | REAL    |
| P219489  | 5/4/99      | GW06384TE | BENZENE                        | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent     | REAL    |
| P219489  | 5/4/99      | GW06384TE | BENZENE, 1,2,4-TRIMETHYL       | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent     | REAL    |
| P219489  | 5/4/99      | GW06384TE | BENZENE, 1,3,5-TRIMETHYL-      | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent     | REAL    |
| P219489  | 5/4/99      | GW06384TE | BROMOBENZENE                   | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent     | REAL    |
| P219489  | 5/4/99      | GW06384TE | BROMOCHLOROMETHANE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent     | REAL    |
| P219489  | 5/4/99      | GW06384TE | BROMODICHLOROMETHANE           | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent     | REAL    |
| P219489  | 5/4/99      | GW06384TE | BROMOFORM                      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent     | REAL    |
| P219489  | 5/4/99      | GW06384TE | BROMOMETHANE                   | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent     | REAL    |
| P219489  | 5/4/99      | GW06384TE | CARBON TETRACHLORIDE           | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent     | REAL    |
| P219489  | 5/4/99      | GW06384TE | CHLOROBENZENE                  | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent     | REAL    |
| P219489  | 5/4/99      | GW06384TE | CHLOROETHANE                   | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent     | REAL    |
| P219489  | 5/4/99      | GW06384TE | CHLOROFORM                     | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent     | REAL    |
| P219489  | 5/4/99      | GW06384TE | CHLOROMETHANE                  | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent     | REAL    |
| P219489  | 5/4/99      | GW06384TE | cis-1,2-DICHLOROETHENE         | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent     | REAL    |
| P219489  | 5/4/99      | GW06384TE | cis-1,3-DICHLOROPROPENE        | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent     | REAL    |
| P219489  | 5/4/99      | GW06384TE | DIBROMOCHLOROMETHANE           | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent     | REAL    |
| P219489  | 5/4/99      | GW06384TE | DIBROMOMETHANE                 | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent     | REAL    |
| P219489  | 5/4/99      | GW06384TE | DICHLORODIFLUOROMETHANE        | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent     | REAL    |
| P219489  | 5/4/99      | GW06384TE | ETHYLBENZENE                   | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent     | REAL    |
| P219489  | 5/4/99      | GW06384TE | HEXACHLOROBUTADIENE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent     | REAL    |
| P219489  | 5/4/99      | GW06384TE | ISOPROPYLBENZENE               | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent     | REAL    |
| P219489  | 5/4/99      | GW06384TE | METHYLENE CHLORIDE             | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent     | REAL    |

## Appendix A: Groundwater Analytical Data - VOCs

Second Quarter 1999

| Location | Sample Date | Sample #  | Analyte                        | Result | Units | Lab Qual | Det Lim | Dilu | Valid | Result Type | IMP Well Class | QC Type |
|----------|-------------|-----------|--------------------------------|--------|-------|----------|---------|------|-------|-------------|----------------|---------|
| P219489  | 5/4/99      | GW06384TE | NAPHTHALENE                    | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| P219489  | 5/4/99      | GW06384TE | n-BUTYLBENZENE                 | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | REAL    |
| P219489  | 5/4/99      | GW06384TE | n-PROPYLBENZENE                | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | REAL    |
| P219489  | 5/4/99      | GW06384TE | o-CHLOROTOLUENE                | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | REAL    |
| P219489  | 5/4/99      | GW06384TE | p-CHLOROTOLUENE                | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | REAL    |
| P219489  | 5/4/99      | GW06384TE | PROPANE, 1,2-DIBROMO-3-CHLORO- | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| P219489  | 5/4/99      | GW06384TE | sec-BUTYLBENZENE               | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | REAL    |
| P219489  | 5/4/99      | GW06384TE | STYRENE                        | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | REAL    |
| P219489  | 5/4/99      | GW06384TE | tert-BUTYLBENZENE              | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | REAL    |
| P219489  | 5/4/99      | GW06384TE | TETRACHLOROETHENE              | 0.2    | UG/L  | J        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| P219489  | 5/4/99      | GW06384TE | TOLUENE                        | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | REAL    |
| P219489  | 5/4/99      | GW06384TE | TOTAL XYLEMES                  | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | REAL    |
| P219489  | 5/4/99      | GW06384TE | trans-1,2-DICHLOROETHENE       | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| P219489  | 5/4/99      | GW06384TE | trans-1,3-DICHLOROPROPENE      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| P219489  | 5/4/99      | GW06384TE | TRICHLOROETHENE                | 0.1    | UG/L  | J        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| P219489  | 5/4/99      | GW06384TE | TRICHLOROFLUOROMETHANE         | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| P219489  | 5/4/99      | GW06384TE | VINYL CHLORIDE                 | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| P416689  | 4/26/99     | GW06385TE | 1,1,1,2-TETRACHLOROETHANE      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| P416689  | 4/26/99     | GW06385TE | 1,1,1-TRICHLOROETHANE          | 0.1    | UG/L  | J        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| P416689  | 4/26/99     | GW06385TE | 1,1,2,2-TETRACHLOROETHANE      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| P416689  | 4/26/99     | GW06385TE | 1,1,2-TRICHLOROETHANE          | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| P416689  | 4/26/99     | GW06385TE | 1,1-DICHLOROETHANE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| P416689  | 4/26/99     | GW06385TE | 1,1-DICHLOROETHENE             | 0.8    | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| P416689  | 4/26/99     | GW06385TE | 1,1-DICHLOROPROPENE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| P416689  | 4/26/99     | GW06385TE | 1,2,3-TRICHLOROBENZENE         | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | REAL    |
| P416689  | 4/26/99     | GW06385TE | 1,2,3-TRICHLOROPROPANE         | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| P416689  | 4/26/99     | GW06385TE | 1,2,4-TRICHLOROBENZENE         | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | REAL    |
| P416689  | 4/26/99     | GW06385TE | 1,2-DIBROMOETHANE              | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| P416689  | 4/26/99     | GW06385TE | 1,2-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | REAL    |
| P416689  | 4/26/99     | GW06385TE | 1,2-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| P416689  | 4/26/99     | GW06385TE | 1,3-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | REAL    |
| P416689  | 4/26/99     | GW06385TE | 1,3-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| P416689  | 4/26/99     | GW06385TE | 1,4-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | REAL    |
| P416689  | 4/26/99     | GW06385TE | 2,2-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| P416689  | 4/26/99     | GW06385TE | 4-ISOPROPYLtolUENE             | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | REAL    |
| P416689  | 4/26/99     | GW06385TE | BENZENE                        | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | REAL    |
| P416689  | 4/26/99     | GW06385TE | BENZENE, 1,2,4-TRIMETHYL       | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | REAL    |
| P416689  | 4/26/99     | GW06385TE | BENZENE, 1,3,5-TRIMETHYL       | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | REAL    |
| P416689  | 4/26/99     | GW06385TE | BROMOBENZENE                   | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | REAL    |
| P416689  | 4/26/99     | GW06385TE | BROMOCHLOROMETHANE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| P416689  | 4/26/99     | GW06385TE | BROMODICHLOROMETHANE           | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| P416689  | 4/26/99     | GW06385TE | BROMOFORM                      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| P416689  | 4/26/99     | GW06385TE | BROMOMETHANE                   | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| P416689  | 4/26/99     | GW06385TE | CARBON TETRACHLORIDE           | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| P416689  | 4/26/99     | GW06385TE | CHLOROBENZENE                  | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | REAL    |
| P416689  | 4/26/99     | GW06385TE | CHLOROETHANE                   | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| P416689  | 4/26/99     | GW06385TE | CHLOROFORM                     | 0.2    | UG/L  | J        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| P416689  | 4/26/99     | GW06385TE | CHLOROMETHANE                  | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| P416689  | 4/26/99     | GW06385TE | cis-1,2-DICHLOROETHENE         | 0.2    | UG/L  | J        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| P416689  | 4/26/99     | GW06385TE | cis-1,3-DICHLOROPROPENE        | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| P416689  | 4/26/99     | GW06385TE | DIBROMOCHLOROMETHANE           | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| P416689  | 4/26/99     | GW06385TE | DIBROMOMETHANE                 | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| P416689  | 4/26/99     | GW06385TE | DICHLORODIFLUOROMETHANE        | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| P416689  | 4/26/99     | GW06385TE | ETHYLBENZENE                   | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | REAL    |
| P416689  | 4/26/99     | GW06385TE | HEXACHLOROBUTADIENE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| P416689  | 4/26/99     | GW06385TE | ISOPROPYLBENZENE               | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | REAL    |
| P416689  | 4/26/99     | GW06385TE | METHYLENE CHLORIDE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| P416689  | 4/26/99     | GW06385TE | NAPHTHALENE                    | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | REAL    |
| P416689  | 4/26/99     | GW06385TE | n-BUTYLBENZENE                 | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | REAL    |
| P416689  | 4/26/99     | GW06385TE | n-PROPYLBENZENE                | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | REAL    |
| P416689  | 4/26/99     | GW06385TE | o-CHLOROTOLUENE                | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | REAL    |
| P416689  | 4/26/99     | GW06385TE | p-CHLOROTOLUENE                | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | REAL    |
| P416689  | 4/26/99     | GW06385TE | PROPANE, 1,2-DIBROMO-3-CHLORO- | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent   | REAL    |
| P416689  | 4/26/99     | GW06385TE | sec-BUTYLBENZENE               | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent   | REAL    |

## Appendix A: Groundwater Analytical Data - VOCs

Second Quarter 1999

| Location | Sample Date | Sample #  | Analyte                        | Result | Units | Lab Qual | Det Lim | Dilu | Valid | Result Type | IMP Well Class   | QC Type |
|----------|-------------|-----------|--------------------------------|--------|-------|----------|---------|------|-------|-------------|------------------|---------|
| P416689  | 4/26/99     | GW06385TE | STYRENE                        | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent     | REAL    |
| P416689  | 4/26/99     | GW06385TE | tert-BUTYLBENZENE              | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent     | REAL    |
| P416689  | 4/26/99     | GW06385TE | TETRACHLOROETHENE              | 2      | UG/L  |          | 1       | 1    | V1    | TR1         | Plume Extent     | REAL    |
| P416689  | 4/26/99     | GW06385TE | TOLUENE                        | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent     | REAL    |
| P416689  | 4/26/99     | GW06385TE | TOTAL XYLEMES                  | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Extent     | REAL    |
| P416689  | 4/26/99     | GW06385TE | trans-1,2-DICHLOROETHENE       | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent     | REAL    |
| P416689  | 4/26/99     | GW06385TE | trans-1,3-DICHLOROPROPENE      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent     | REAL    |
| P416689  | 4/26/99     | GW06385TE | TRICHLOROETHENE                | 2      | UG/L  |          | 1       | 1    | V1    | TR1         | Plume Extent     | REAL    |
| P416689  | 4/26/99     | GW06385TE | TRICHLOROFLUOROMETHANE         | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent     | REAL    |
| P416689  | 4/26/99     | GW06385TE | VINYL CHLORIDE                 | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Extent     | REAL    |
| P416789  | 4/26/99     | GW06386TE | 1,1,1,2-TETRACHLOROETHANE      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| P416789  | 4/26/99     | GW06386TE | 1,1,1-TRICHLOROETHANE          | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| P416789  | 4/26/99     | GW06386TE | 1,1,2,2-TETRACHLOROETHANE      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| P416789  | 4/26/99     | GW06386TE | 1,1,2-TRICHLOROETHANE          | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| P416789  | 4/26/99     | GW06386TE | 1,1-DICHLOROETHANE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| P416789  | 4/26/99     | GW06386TE | 1,1-DICHLOROETHENE             | 0.3    | UG/L  | J        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| P416789  | 4/26/99     | GW06386TE | 1,1-DICHLOROPROPENE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| P416789  | 4/26/99     | GW06386TE | 1,2,3-TRICHLOROBENZENE         | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Definition | REAL    |
| P416789  | 4/26/99     | GW06386TE | 1,2,3-TRICHLOROPROPANE         | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| P416789  | 4/26/99     | GW06386TE | 1,2,4-TRICHLOROBENZENE         | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Definition | REAL    |
| P416789  | 4/26/99     | GW06386TE | 1,2-DIBROMOETHANE              | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| P416789  | 4/26/99     | GW06386TE | 1,2-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Definition | REAL    |
| P416789  | 4/26/99     | GW06386TE | 1,2-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| P416789  | 4/26/99     | GW06386TE | 1,3-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Definition | REAL    |
| P416789  | 4/26/99     | GW06386TE | 1,3-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| P416789  | 4/26/99     | GW06386TE | 1,4-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Definition | REAL    |
| P416789  | 4/26/99     | GW06386TE | 2,2-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| P416789  | 4/26/99     | GW06386TE | 4-ISOPROPYLtolUENE             | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Definition | REAL    |
| P416789  | 4/26/99     | GW06386TE | BENZENE                        | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Definition | REAL    |
| P416789  | 4/26/99     | GW06386TE | BENZENE, 1,2,4-TRIMETHYL       | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Definition | REAL    |
| P416789  | 4/26/99     | GW06386TE | BENZENE, 1,3,5-TRIMETHYL-      | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Definition | REAL    |
| P416789  | 4/26/99     | GW06386TE | BROMOBENZENE                   | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Definition | REAL    |
| P416789  | 4/26/99     | GW06386TE | BROMOCHLOROMETHANE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| P416789  | 4/26/99     | GW06386TE | BROMODICHLOROMETHANE           | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| P416789  | 4/26/99     | GW06386TE | BROMOFORM                      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| P416789  | 4/26/99     | GW06386TE | BROMOMETHANE                   | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| P416789  | 4/26/99     | GW06386TE | CARBON TETRACHLORIDE           | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| P416789  | 4/26/99     | GW06386TE | CHLOROBENZENE                  | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Definition | REAL    |
| P416789  | 4/26/99     | GW06386TE | CHLOROETHANE                   | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| P416789  | 4/26/99     | GW06386TE | CHLOROFORM                     | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| P416789  | 4/26/99     | GW06386TE | CHLOROMETHANE                  | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| P416789  | 4/26/99     | GW06386TE | cis-1,2-DICHLOROETHENE         | 1      | UG/L  |          | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| P416789  | 4/26/99     | GW06386TE | cis-1,3-DICHLOROPROPENE        | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| P416789  | 4/26/99     | GW06386TE | DIBROMOCHLOROMETHANE           | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| P416789  | 4/26/99     | GW06386TE | DIBROMOMETHANE                 | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| P416789  | 4/26/99     | GW06386TE | DICHLORODIFLUOROMETHANE        | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| P416789  | 4/26/99     | GW06386TE | ETHYLBENZENE                   | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Definition | REAL    |
| P416789  | 4/26/99     | GW06386TE | HEXACHLOROBUTADIENE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| P416789  | 4/26/99     | GW06386TE | ISOPROPYLBENZENE               | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Definition | REAL    |
| P416789  | 4/26/99     | GW06386TE | METHYLENE CHLORIDE             | 0.1    | UG/L  | BJ       | 1       | 1    | JB1   | TR1         | Plume Definition | REAL    |
| P416789  | 4/26/99     | GW06386TE | NAPHTHALENE                    | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Definition | REAL    |
| P416789  | 4/26/99     | GW06386TE | n-BUTYLBENZENE                 | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Definition | REAL    |
| P416789  | 4/26/99     | GW06386TE | n-PROPYLBENZENE                | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Definition | REAL    |
| P416789  | 4/26/99     | GW06386TE | o-CHLOROTOLUENE                | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Definition | REAL    |
| P416789  | 4/26/99     | GW06386TE | p-CHLOROTOLUENE                | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Definition | REAL    |
| P416789  | 4/26/99     | GW06386TE | PROPANE, 1,2-DIBROMO-3-CHLORO- | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| P416789  | 4/26/99     | GW06386TE | sec-BUTYLBENZENE               | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Definition | REAL    |
| P416789  | 4/26/99     | GW06386TE | STYRENE                        | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Definition | REAL    |
| P416789  | 4/26/99     | GW06386TE | tert-BUTYLBENZENE              | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Definition | REAL    |
| P416789  | 4/26/99     | GW06386TE | TETRACHLOROETHENE              | 3      | UG/L  |          | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| P416789  | 4/26/99     | GW06386TE | TOLUENE                        | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Definition | REAL    |
| P416789  | 4/26/99     | GW06386TE | TOTAL XYLEMES                  | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Definition | REAL    |
| P416789  | 4/26/99     | GW06386TE | trans-1,2-DICHLOROETHENE       | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| P416789  | 4/26/99     | GW06386TE | trans-1,3-DICHLOROPROPENE      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |

## Appendix A: Groundwater Analytical Data - VOCs

Second Quarter 1999

| Location | Sample Date | Sample #  | Analyte                        | Result | Units | Lab Qual | Det Lim | Dilu | Valid | Result Type | IMP Well Class   | QC Type |
|----------|-------------|-----------|--------------------------------|--------|-------|----------|---------|------|-------|-------------|------------------|---------|
| P416789  | 4/26/99     | GW06386TE | TRICHLOROETHENE                | 6      | UG/L  |          | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| P416789  | 4/26/99     | GW06386TE | TRICHLOROFLUOROMETHANE         | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| P416789  | 4/26/99     | GW06386TE | VINYL CHLORIDE                 | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | 1,1,1,2-TETRACHLOROETHANE      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | 1,1,1-TRICHLOROETHANE          | 0.3    | UG/L  | J        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | 1,1,2,2-TETRACHLOROETHANE      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | 1,1,2-TRICHLOROETHANE          | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | 1,1-DICHLOROETHANE             | 0.8    | UG/L  | J        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | 1,1-DICHLOROETHENE             | 3      | UG/L  |          | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | 1,1-DICHLOROPROPENE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | 1,2,3-TRICHLOROBENZENE         | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | 1,2,3-TRICHLOROPROPANE         | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | 1,2,4-TRICHLOROBENZENE         | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | 1,2-DIBROMOETHANE              | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | 1,2-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | 1,2-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | 1,3-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | 1,3-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | 1,4-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | 2,2-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | 4-ISOPROPYLtolUENE             | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | BENZENE                        | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | BENZENE, 1,2,4-TRIMETHYL       | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | BENZENE, 1,3,5-TRIMETHYL-      | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | BROMOBENZENE                   | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | BROMOCHLOROMETHANE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | BROMODICHLOROMETHANE           | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | BROMOFORM                      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | BROMOMETHANE                   | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | CARBON TETRACHLORIDE           | 0.1    | UG/L  | J        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | CHLOROBENZENE                  | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | CHLOROETHANE                   | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | CHLOROFORM                     | 0.4    | UG/L  | J        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | CHLOROMETHANE                  | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | cis-1,2-DICHLOROETHENE         | 6      | UG/L  |          | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | cis-1,3-DICHLOROPROPENE        | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | DIBROMOCHLOROMETHANE           | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | DIBROMOMETHANE                 | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | DICHLORODIFLUOROMETHANE        | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | ETHYLBENZENE                   | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | HEXACHLOROBUTADIENE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | ISOPROPYLBENZENE               | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | METHYLENE CHLORIDE             | 3      | UG/L  | B        | 1       | 1    | UJ1   | TR1         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | NAPHTHALENE                    | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | n-BUTYLBENZENE                 | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | n-PROPYLBENZENE                | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | o-CHLOROTOLUENE                | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | p-CHLOROTOLUENE                | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | PROPANE, 1,2-DIBROMO-3-CHLORO- | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | sec-BUTYLBENZENE               | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | STYRENE                        | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | tert-BUTYLBENZENE              | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | TETRACHLOROETHENE              | 41     | UG/L  | E        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | TOLUENE                        | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | TOTAL XYLEMES                  | 1      | UG/L  | U        | 1       | 1    | UJ1   | TR1         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | trans-1,2-DICHLOROETHENE       | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | trans-1,3-DICHLOROPROPENE      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | TRICHLOROETHENE                | 3      | UG/L  |          | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | TRICHLOROFLUOROMETHANE         | 0.2    | UG/L  | J        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | VINYL CHLORIDE                 | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | 1,1,2-TETRACHLOROETHANE        | 2      | UG/L  | U        | 2       | 2    | 1     | TR2         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | 1,1,1-TRICHLOROETHANE          | 0.3    | UG/L  | JD       | 2       | 2    | 1     | TR2         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | 1,1,2,2-TETRACHLOROETHANE      | 2      | UG/L  | U        | 2       | 2    | 1     | TR2         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | 1,1,2-TRICHLOROETHANE          | 2      | UG/L  | U        | 2       | 2    | 1     | TR2         | Plume Definition | REAL    |

## Appendix A: Groundwater Analytical Data - VOCs

Second Quarter 1999

| Location | Sample Date | Sample #  | Analyte                        | Result | Units | Lab Qual | Det Lim | Dilu | Valid | Result Type | IMP Well Class   | QC Type |
|----------|-------------|-----------|--------------------------------|--------|-------|----------|---------|------|-------|-------------|------------------|---------|
| P416889  | 5/17/99     | GW06387TE | 1,1-DICHLOROETHANE             | 0.8    | UG/L  | JD       | 2       | 2    | 1     | TR2         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | 1,1-DICHLOROETHENE             | 3      | UG/L  | D        | 2       | 2    | 1     | TR2         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | 1,1-DICHLOROPROPENE            | 2      | UG/L  | U        | 2       | 2    | 1     | TR2         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | 1,2,3-TRICHLOROBENZENE         | 2      | UG/L  | U        | 2       | 2    | 1     | TR2         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | 1,2,3-TRICHLOROPROPANE         | 2      | UG/L  | U        | 2       | 2    | 1     | TR2         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | 1,2,4-TRICHLOROBENZENE         | 2      | UG/L  | U        | 2       | 2    | 1     | TR2         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | 1,2-DIBROMOETHANE              | 2      | UG/L  | U        | 2       | 2    | 1     | TR2         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | 1,2-DICHLOROBENZENE            | 2      | UG/L  | U        | 2       | 2    | 1     | TR2         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | 1,2-DICHLOROPROPANE            | 2      | UG/L  | U        | 2       | 2    | 1     | TR2         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | 1,3-DICHLOROBENZENE            | 2      | UG/L  | U        | 2       | 2    | 1     | TR2         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | 1,3-DICHLOROPROPANE            | 2      | UG/L  | U        | 2       | 2    | 1     | TR2         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | 1,4-DICHLOROBENZENE            | 2      | UG/L  | U        | 2       | 2    | 1     | TR2         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | 2,2-DICHLOROPROPANE            | 2      | UG/L  | U        | 2       | 2    | 1     | TR2         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | 4-ISOPROPYL TOLUENE            | 2      | UG/L  | U        | 2       | 2    | 1     | TR2         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | BENZENE                        | 2      | UG/L  | U        | 2       | 2    | 1     | TR2         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | BENZENE, 1,2,4-TRIMETHYL       | 2      | UG/L  | U        | 2       | 2    | 1     | TR2         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | BROMOBENZENE                   | 2      | UG/L  | U        | 2       | 2    | 1     | TR2         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | BROMOCHLOROMETHANE             | 2      | UG/L  | U        | 2       | 2    | 1     | TR2         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | BROMODICHLOROMETHANE           | 2      | UG/L  | U        | 2       | 2    | 1     | TR2         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | BROMOFORM                      | 2      | UG/L  | U        | 2       | 2    | 1     | TR2         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | BROMOMETHANE                   | 2      | UG/L  | U        | 2       | 2    | 1     | TR2         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | CARBON TETRACHLORIDE           | 0.1    | UG/L  | JD       | 2       | 2    | 1     | TR2         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | CHLOROBENZENE                  | 2      | UG/L  | U        | 2       | 2    | 1     | TR2         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | CHLOROETHANE                   | 2      | UG/L  | U        | 2       | 2    | 1     | TR2         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | CHLOROFORM                     | 0.4    | UG/L  | JD       | 2       | 2    | 1     | TR2         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | CHLOROMETHANE                  | 2      | UG/L  | U        | 2       | 2    | 1     | TR2         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | cis-1,2-DICHLOROETHENE         | 5      | UG/L  | D        | 2       | 2    | 1     | TR2         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | cis-1,3-DICHLOROPROPENE        | 2      | UG/L  | U        | 2       | 2    | 1     | TR2         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | DIBROMOCHLOROMETHANE           | 2      | UG/L  | U        | 2       | 2    | 1     | TR2         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | DIBROMOMETHANE                 | 2      | UG/L  | U        | 2       | 2    | 1     | TR2         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | DICHLORODIFLUOROMETHANE        | 2      | UG/L  | U        | 2       | 2    | 1     | TR2         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | ETHYLBENZENE                   | 2      | UG/L  | U        | 2       | 2    | 1     | TR2         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | HEXACHLOROBUTADIENE            | 2      | UG/L  | U        | 2       | 2    | 1     | TR2         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | ISOPROPYL BENZENE              | 2      | UG/L  | U        | 2       | 2    | 1     | TR2         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | METHYLENE CHLORIDE             | 6      | UG/L  | BD       | 2       | 2    | 1     | TR2         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | NAPHTHALENE                    | 2      | UG/L  | U        | 2       | 2    | 1     | TR2         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | n-BUTYL BENZENE                | 2      | UG/L  | U        | 2       | 2    | 1     | TR2         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | n-PROPYLBENZENE                | 2      | UG/L  | U        | 2       | 2    | 1     | TR2         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | o-CHLOROTOLUENE                | 2      | UG/L  | U        | 2       | 2    | 1     | TR2         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | p-CHLOROTOLUENE                | 2      | UG/L  | U        | 2       | 2    | 1     | TR2         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | PROPANE, 1,2-DIBROMO-3-CHLORO- | 2      | UG/L  | U        | 2       | 2    | 1     | TR2         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | sec-BUTYLBENZENE               | 2      | UG/L  | U        | 2       | 2    | 1     | TR2         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | STYRENE                        | 2      | UG/L  | U        | 2       | 2    | 1     | TR2         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | tert-BUTYLBENZENE              | 2      | UG/L  | U        | 2       | 2    | 1     | TR2         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | TETRA CHLOROETHENE             | 46     | UG/L  | D        | 2       | 2    | V1    | TR2         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | TOLUENE                        | 2      | UG/L  | U        | 2       | 2    | 1     | TR2         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | TOTAL XYLEMES                  | 2      | UG/L  | U        | 2       | 2    | 1     | TR2         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | trans-1,2-DICHLOROETHENE       | 2      | UG/L  | U        | 2       | 2    | 1     | TR2         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | trans-1,3-DICHLOROPROPENE      | 2      | UG/L  | U        | 2       | 2    | 1     | TR2         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | TRICHLOROETHENE                | 4      | UG/L  | D        | 2       | 2    | 1     | TR2         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | TRICHLOROFUOROMETHANE          | 0.3    | UG/L  | JD       | 2       | 2    | 1     | TR2         | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | VINYL CHLORIDE                 | 2      | UG/L  | U        | 2       | 2    | 1     | TR2         | Plume Definition | REAL    |
| SW13494  | 5/10/99     | GW06408TE | 1,1,1,2-TETRA CHLOROETHANE     | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| SW13494  | 5/10/99     | GW06408TE | 1,1,1-TRICHLOROETHANE          | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| SW13494  | 5/10/99     | GW06408TE | 1,1,2,2-TETRA CHLOROETHANE     | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| SW13494  | 5/10/99     | GW06408TE | 1,1,2-TRICHLOROETHANE          | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| SW13494  | 5/10/99     | GW06408TE | 1,1-DICHLOROETHANE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| SW13494  | 5/10/99     | GW06408TE | 1,1-DICHLOROETHENE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| SW13494  | 5/10/99     | GW06408TE | 1,1-DICHLOROPROPENE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| SW13494  | 5/10/99     | GW06408TE | 1,2,3-TRICHLOROBENZENE         | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| SW13494  | 5/10/99     | GW06408TE | 1,2,3-TRICHLOROPROPANE         | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| SW13494  | 5/10/99     | GW06408TE | 1,2,4-TRICHLOROBENZENE         | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring  | REAL    |
| SW13494  | 5/10/99     | GW06408TE | 1,2-DIBROMOETHANE              | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring  | REAL    |

## Appendix A: Groundwater Analytical Data - VOCs

Second Quarter 1999

| Location | Sample Date | Sample #  | Analyte                        | Result | Units | Lab Qual | Det Lim | Dilu | Valid | Result Type | IMP Well Class  | QC Type |
|----------|-------------|-----------|--------------------------------|--------|-------|----------|---------|------|-------|-------------|-----------------|---------|
| SW13494  | 5/10/99     | GW06408TE | 1,2-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| SW13494  | 5/10/99     | GW06408TE | 1,2-DICHLOROETHANE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| SW13494  | 5/10/99     | GW06408TE | 1,2-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| SW13494  | 5/10/99     | GW06408TE | 1,3-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| SW13494  | 5/10/99     | GW06408TE | 1,3-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| SW13494  | 5/10/99     | GW06408TE | 1,4-DICHLOROBENZENE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| SW13494  | 5/10/99     | GW06408TE | 2,2-DICHLOROPROPANE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| SW13494  | 5/10/99     | GW06408TE | 4-ISOPROPYLTOLUENE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| SW13494  | 5/10/99     | GW06408TE | BENZENE                        | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| SW13494  | 5/10/99     | GW06408TE | BENZENE, 1,2,4-TRIMETHYL       | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| SW13494  | 5/10/99     | GW06408TE | BENZENE, 1,3,5-TRIMETHYL-      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| SW13494  | 5/10/99     | GW06408TE | BROMOBENZENE                   | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| SW13494  | 5/10/99     | GW06408TE | BROMOCHLOROMETHANE             | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| SW13494  | 5/10/99     | GW06408TE | BROMODICHLOROMETHANE           | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| SW13494  | 5/10/99     | GW06408TE | BROMOFORM                      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| SW13494  | 5/10/99     | GW06408TE | BROMOMETHANE                   | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| SW13494  | 5/10/99     | GW06408TE | CARBON TETRACHLORIDE           | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| SW13494  | 5/10/99     | GW06408TE | CHLOROBENZENE                  | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| SW13494  | 5/10/99     | GW06408TE | CHLOROETHANE                   | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| SW13494  | 5/10/99     | GW06408TE | CHLOROFORM                     | 0.2    | UG/L  | J        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| SW13494  | 5/10/99     | GW06408TE | CHLOROMETHANE                  | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| SW13494  | 5/10/99     | GW06408TE | cis-1,2-DICHLOROETHENE         | 2      | UG/L  |          | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| SW13494  | 5/10/99     | GW06408TE | cis-1,3-DICHLOROPROPENE        | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| SW13494  | 5/10/99     | GW06408TE | DIBROMOCHLOROMETHANE           | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| SW13494  | 5/10/99     | GW06408TE | DIBROMOMETHANE                 | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| SW13494  | 5/10/99     | GW06408TE | DICHLORODIFLUOROMETHANE        | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| SW13494  | 5/10/99     | GW06408TE | ETHYLBENZENE                   | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| SW13494  | 5/10/99     | GW06408TE | HEXACHLOROBUTADIENE            | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| SW13494  | 5/10/99     | GW06408TE | ISOPROPYLBENZENE               | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| SW13494  | 5/10/99     | GW06408TE | METHYLENE CHLORIDE             | 1      | UG/L  | U        | 1       | 1    | J1    | TR1         | Perf Monitoring | REAL    |
| SW13494  | 5/10/99     | GW06408TE | NAPHTHALENE                    | 0.1    | UG/L  | J        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| SW13494  | 5/10/99     | GW06408TE | n-BUTYLBENZENE                 | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| SW13494  | 5/10/99     | GW06408TE | n-PROPYLBENZENE                | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| SW13494  | 5/10/99     | GW06408TE | o-CHLOROTOLUENE                | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| SW13494  | 5/10/99     | GW06408TE | p-CHLOROTOLUENE                | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| SW13494  | 5/10/99     | GW06408TE | PROPANE, 1,2-DIBROMO-3-CHLORO- | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| SW13494  | 5/10/99     | GW06408TE | sec-BUTYLBENZENE               | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| SW13494  | 5/10/99     | GW06408TE | STYRENE                        | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| SW13494  | 5/10/99     | GW06408TE | tert-BUTYLBENZENE              | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| SW13494  | 5/10/99     | GW06408TE | TETRACHLOROETHENE              | 19     | UG/L  |          | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| SW13494  | 5/10/99     | GW06408TE | TOLUENE                        | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| SW13494  | 5/10/99     | GW06408TE | TOTAL XYLEMES                  | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| SW13494  | 5/10/99     | GW06408TE | trans-1,2-DICHLOROETHENE       | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| SW13494  | 5/10/99     | GW06408TE | trans-1,3-DICHLOROPROPENE      | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| SW13494  | 5/10/99     | GW06408TE | TRICHLOROETHENE                | 2      | UG/L  |          | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| SW13494  | 5/10/99     | GW06408TE | TRICHLOROFUOROMETHANE          | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |
| SW13494  | 5/10/99     | GW06408TE | VINYL CHLORIDE                 | 1      | UG/L  | U        | 1       | 1    | V1    | TR1         | Perf Monitoring | REAL    |

## Appendix A: Groundwater Analytical Data - Water Quality Parameters

Second Quarter 1999

| Location | Sample Date | Sample #  | Analyte                | Result | Units | Lab Qual | Det Lim | Dilu | Valid | Result Type      | IMP Well Class   | QC Type |  |
|----------|-------------|-----------|------------------------|--------|-------|----------|---------|------|-------|------------------|------------------|---------|--|
| 00397    | 5/5/99      | GW06321TE | FLUORIDE               | 0.43   | MG/L  |          | 0.05    | V1   | TR1   | Plume Extent     | REAL             |         |  |
| 00397    | 5/5/99      | GW06321TE | NITRATE/NITRITE        | 0.39   | MG/L  |          | 0.05    | V1   | TR1   | Plume Extent     | REAL             |         |  |
| 00397    | 5/5/99      | GW06321TE | SULFATE                | 77     | MG/L  |          | 1       | V1   | TR1   | Plume Extent     | REAL             |         |  |
| 00397    | 5/5/99      | GW06321TE | TOTAL DISSOLVED SOLIDS | 1100   | MG/L  |          | 10      | V1   | TR1   | Plume Extent     | REAL             |         |  |
| 00897    | 5/18/99     | GW06322TE | NITRATE/NITRITE        | 5.5    | MG/L  |          | 0.05    | 5    | V     | TR1              | Perf Monitoring  | REAL    |  |
| 00897    | 5/18/99     | GW06322TE | TOTAL DISSOLVED SOLIDS | 400    | MG/L  |          | 10      | V    | TR1   | Perf Monitoring  | REAL             |         |  |
| 02197    | 5/25/99     | GW06323TE | FLUORIDE               | 0.68   | MG/L  |          | 0.05    | V    | TR1   | Plume Extent     | REAL             |         |  |
| 02197    | 5/25/99     | GW06323TE | NITRATE/NITRITE        | 13     | MG/L  |          | 0.05    | 10   | V     | TR1              | Plume Extent     | REAL    |  |
| 02197    | 5/25/99     | GW06323TE | SULFATE                | 36     | MG/L  |          | 1       | V    | TR1   | Plume Extent     | REAL             |         |  |
| 02197    | 5/25/99     | GW06323TE | TOTAL DISSOLVED SOLIDS | 400    | MG/L  |          | 10      | V    | TR1   | Plume Extent     | REAL             |         |  |
| 02291    | 5/19/99     | GW06324TE | NITRATE/NITRITE        | 6.8    | MG/L  |          | 0.05    | 5    | V     | TR1              | Perf Monitoring  | REAL    |  |
| 02291    | 5/19/99     | GW06324TE | TOTAL DISSOLVED SOLIDS | 400    | MG/L  |          | 10      | V    | TR1   | Perf Monitoring  | REAL             |         |  |
| 02297    | 5/11/99     | GW06325TE | NITRATE/NITRITE        | 8.2    | MG/L  |          | 0.05    | 5    | V     | TR1              | D&D              | REAL    |  |
| 04091    | 4/13/99     | GW06328TE | NITRATE/NITRITE        | 3.7    | MG/L  |          | 0.05    | 5    | V1    | TR1              | Plume Extent     | REAL    |  |
| 04091    | 4/13/99     | GW06328TE | TOTAL DISSOLVED SOLIDS | 330    | MG/L  |          | 10      | V    | TR1   | Plume Extent     | REAL             |         |  |
| 04991    | 6/3/99      | GW06329TE | NITRATE/NITRITE        | 8.4    | MG/L  |          | 0.05    | 10   | V1    | TR1              | Plume Extent     | REAL    |  |
| 04991    | 6/3/99      | GW06329TE | TOTAL DISSOLVED SOLIDS | 510    | MG/L  |          | 10      | V1   | TR1   | Plume Extent     | REAL             |         |  |
| 06091    | 5/12/99     | GW06330TE | NITRATE/NITRITE        | 6.1    | MG/L  |          | 0.05    | 5    | V     | TR1              | Plume Extent     | REAL    |  |
| 06091    | 5/12/99     | GW06330TE | TOTAL DISSOLVED SOLIDS | 480    | MG/L  |          | 10      | V    | TR1   | Plume Extent     | REAL             |         |  |
| 06091    | 6/14/99     | GW06417TE | NITRATE/NITRITE        | 6.5    | MG/L  |          | 0.05    | 5    | V1    | TR1              | Plume Extent     | REAL    |  |
| 10592    | 4/19/99     | GW06342TE | NITRATE/NITRITE        | 7.2    | MG/L  |          | 0.05    | 5    | V1    | TR1              | Perf Monitoring  | REAL    |  |
| 10592    | 4/19/99     | GW06342TE | SULFATE                | 360    | MG/L  |          | 1       | 10   | V1    | TR1              | Perf Monitoring  | REAL    |  |
| 10592    | 4/19/99     | GW06342TE | TOTAL DISSOLVED SOLIDS | 1300   | MG/L  |          | 10      | V1   | TR1   | Perf Monitoring  | REAL             |         |  |
| 10792    | 5/10/99     | GW06343TE | NITRATE/NITRITE        | 1.5    | MG/L  |          | 0.05    | 2    | V     | TR1              | Perf Monitoring  | REAL    |  |
| 10792    | 5/10/99     | GW06343TE | SULFATE                | 150    | MG/L  |          | 1       | 5    | V     | TR1              | Perf Monitoring  | REAL    |  |
| 10792    | 5/10/99     | GW06343TE | TOTAL DISSOLVED SOLIDS | 600    | MG/L  |          | 10      | V    | TR1   | Perf Monitoring  | REAL             |         |  |
| 11092    | 5/11/99     | GW06344TE | NITRATE/NITRITE        | 4.7    | MG/L  |          | 0.05    | 5    | V     | TR1              | Perf Monitoring  | REAL    |  |
| 11891    | 5/20/99     | GW06345TE | NITRATE/NITRITE        | 5.2    | MG/L  |          | 0.05    | 5    | V     | TR1              | Perf Monitoring  | REAL    |  |
| 11891    | 5/20/99     | GW06345TE | TOTAL DISSOLVED SOLIDS | 550    | MG/L  |          | 10      | V    | TR1   | Perf Monitoring  | REAL             |         |  |
| 11891    | 5/20/99     | GW06346TE | NITRATE/NITRITE        | 5.3    | MG/L  |          | 0.05    | 5    | V     | TR1              | Perf Monitoring  | DUP     |  |
| 11891    | 5/20/99     | GW06346TE | TOTAL DISSOLVED SOLIDS | 580    | MG/L  |          | 10      | V    | TR1   | Perf Monitoring  | DUP              |         |  |
| 11891    | 5/20/99     | GW06347TE | NITRATE/NITRITE        | 0.05   | MG/L  | U        | 0.05    | V    | TR1   | Perf Monitoring  | RNS              |         |  |
| 11891    | 5/20/99     | GW06347TE | TOTAL DISSOLVED SOLIDS | 10     | MG/L  | U        | 10      | V    | TR1   | Perf Monitoring  | RNS              |         |  |
| 12191    | 6/3/99      | GW06348TE | NITRATE/NITRITE        | 7.7    | MG/L  |          | 0.05    | 5    | V1    | TR1              | Perf Monitoring  | REAL    |  |
| 12191    | 6/3/99      | GW06348TE | TOTAL DISSOLVED SOLIDS | 630    | MG/L  |          | 10      | V1   | TR1   | Perf Monitoring  | REAL             |         |  |
| 1386     | 5/18/99     | GW06332TE | FLUORIDE               | 0.15   | MG/L  |          | 0.05    | V    | TR1   | Plume Extent     | REAL             |         |  |
| 1386     | 5/18/99     | GW06332TE | NITRATE/NITRITE        | 0.06   | MG/L  |          | 0.05    | V    | TR1   | Plume Extent     | REAL             |         |  |
| 1386     | 5/18/99     | GW06332TE | SULFATE                | 63     | MG/L  |          | 1       | V    | TR1   | Plume Extent     | REAL             |         |  |
| 1386     | 5/18/99     | GW06332TE | TOTAL DISSOLVED SOLIDS | 940    | MG/L  |          | 10      | V    | TR1   | Plume Extent     | REAL             |         |  |
| 1786     | 5/11/99     | GW06333TE | FLUORIDE               | 1.2    | MG/L  |          | 0.05    | 5    | V     | TR1              | Plume Extent     | REAL    |  |
| 1786     | 5/11/99     | GW06333TE | NITRATE/NITRITE        | 410    | MG/L  |          | 0.05    | 500  | V     | TR1              | Plume Extent     | REAL    |  |
| 1786     | 5/11/99     | GW06333TE | SULFATE                | 310    | MG/L  |          | 1       | 5    | V     | TR1              | Plume Extent     | REAL    |  |
| 1786     | 5/11/99     | GW06333TE | TOTAL DISSOLVED SOLIDS | 3400   | MG/L  |          | 10      | V    | TR1   | Plume Extent     | REAL             |         |  |
| 1986     | 6/7/99      | GW06334TE | NITRATE/NITRITE        | 0.05   | MG/L  | U        | 0.05    | V1   | TR1   | Plume Extent     | REAL             |         |  |
| 1986     | 6/7/99      | GW06334TE | TOTAL DISSOLVED SOLIDS | 1600   | MG/L  |          | 10      | V1   | TR1   | Plume Extent     | REAL             |         |  |
| 2186     | 6/9/99      | GW06335TE | NITRATE/NITRITE        | 0.21   | MG/L  |          | 0.05    | 2    | V1    | TR1              | Plume Extent     | REAL    |  |
| 2186     | 6/9/99      | GW06335TE | TOTAL DISSOLVED SOLIDS | 270    | MG/L  |          | 10      | V1   | TR1   | Plume Extent     | REAL             |         |  |
| 22796    | 6/9/99      | GW06375TE | NITRATE/NITRITE        | 0.1    | MG/L  |          | 0.05    | V1   | TR1   | Plume Extent     | REAL             |         |  |
| 22796    | 6/9/99      | GW06375TE | TOTAL DISSOLVED SOLIDS | 2200   | MG/L  |          | 10      | V1   | TR1   | Plume Extent     | REAL             |         |  |
| 2987     | 5/13/99     | GW06336TE | NITRATE/NITRITE        | 13     | MG/L  |          | 0.05    | 10   | V     | TR1              | Plume Definition | REAL    |  |
| 2987     | 5/13/99     | GW06336TE | SULFATE                | 680    | MG/L  |          | 1       | 10   | V     | TR1              | Plume Definition | REAL    |  |
| 2987     | 5/13/99     | GW06336TE | TOTAL DISSOLVED SOLIDS | 2200   | MG/L  |          | 10      | V    | TR1   | Plume Definition | REAL             |         |  |
| 3087     | 4/20/99     | GW06337TE | NITRATE/NITRITE        | 0.05   | MG/L  | U        | 0.05    | V1   | TR1   | Plume Definition | REAL             |         |  |
| 3087     | 4/20/99     | GW06337TE | SULFATE                | 1      | MG/L  |          | 1       | V1   | TR1   | Plume Definition | REAL             |         |  |
| 3087     | 4/20/99     | GW06337TE | TOTAL DISSOLVED SOLIDS | 450    | MG/L  |          | 10      | V1   | TR1   | Plume Definition | REAL             |         |  |
| 3386     | 5/4/99      | GW06338TE | FLUORIDE               | 0.7    | MG/L  |          | 0.05    | V1   | TR1   | Plume Extent     | REAL             |         |  |
| 3386     | 5/4/99      | GW06338TE | NITRATE/NITRITE        | 7.6    | MG/L  |          | 0.05    | 10   | V1    | TR1              | Plume Extent     | REAL    |  |
| 3386     | 5/4/99      | GW06338TE | SULFATE                | 40     | MG/L  |          | 1       | V1   | TR1   | Plume Extent     | REAL             |         |  |
| 3386     | 5/4/99      | GW06338TE | TOTAL DISSOLVED SOLIDS | 360    | MG/L  |          | 10      | V1   | TR1   | Plume Extent     | REAL             |         |  |
| 3586     | 4/28/99     | GW06388TE | NITRATE/NITRITE        | 1.8    | MG/L  |          | 0.05    | 2    | V1    | TR1              | Plume Extent     | REAL    |  |
| 3586     | 4/28/99     | GW06388TE | TOTAL DISSOLVED SOLIDS | 800    | MG/L  |          | 10      | V1   | TR1   | Plume Extent     | REAL             |         |  |
| 3586     | 4/28/99     | GW06389TE | NITRATE/NITRITE        | 1.8    | MG/L  |          | 0.05    | 2    | V1    | TR1              | Plume Extent     | DUP     |  |
| 3586     | 4/28/99     | GW06389TE | TOTAL DISSOLVED SOLIDS | 790    | MG/L  |          | 10      | V1   | TR1   | Plume Extent     | DUP              |         |  |
| 3586     | 4/28/99     | GW06390TE | NITRATE/NITRITE        | 0.05   | MG/L  | U        | 0.05    | V1   | TR1   | Plume Extent     | RNS              |         |  |

## Appendix A: Groundwater Analytical Data - Water Quality Parameters

Second Quarter 1999

| Location | Sample Date | Sample #  | Analyte                | Result | Units | Lab Qual | Det Lim | Dilu | Valid            | Result Type      | IMP Well Class | QC Type |
|----------|-------------|-----------|------------------------|--------|-------|----------|---------|------|------------------|------------------|----------------|---------|
| 3586     | 4/28/99     | GW06390TE | TOTAL DISSOLVED SOLIDS | 10     | MG/L  | U        | 10      | V1   | TR1              | Plume Extent     | RNS            |         |
| 3687     | 4/28/99     | GW06339TE | NITRATE/NITRITE        | 3.6    | MG/L  | 0.05     | 5       | V1   | TR1              | Perf Monitoring  | REAL           |         |
| 3687     | 4/28/99     | GW06339TE | TOTAL DISSOLVED SOLIDS | 470    | MG/L  | 10       | V1      | TR1  | Perf Monitoring  | REAL             |                |         |
| 4087     | 5/5/99      | GW06391TE | FLUORIDE               | 1.7    | MG/L  | 0.05     | V1      | TR1  | RCRA             | REAL             |                |         |
| 4087     | 5/5/99      | GW06391TE | NITRATE/NITRITE        | 0.12   | MG/L  | 0.05     | V1      | TR1  | RCRA             | REAL             |                |         |
| 4087     | 5/5/99      | GW06391TE | SULFATE                | 370    | MG/L  | 1        | 5       | V1   | TR1              | RCRA             | REAL           |         |
| 4087     | 5/5/99      | GW06391TE | TOTAL DISSOLVED SOLIDS | 920    | MG/L  | 10       | V1      | TR1  | RCRA             | REAL             |                |         |
| 52894    | 5/5/99      | GW06395TE | FLUORIDE               | 1.9    | MG/L  | 0.05     | V1      | TR1  | RCRA             | REAL             |                |         |
| 52894    | 5/5/99      | GW06395TE | NITRATE/NITRITE        | 0.39   | MG/L  | 0.05     | V1      | TR1  | RCRA             | REAL             |                |         |
| 52894    | 5/5/99      | GW06395TE | SULFATE                | 190    | MG/L  | 1        | 5       | V1   | TR1              | RCRA             | REAL           |         |
| 52894    | 5/5/99      | GW06395TE | TOTAL DISSOLVED SOLIDS | 690    | MG/L  | 10       | V1      | TR1  | RCRA             | REAL             |                |         |
| 5387     | 4/19/99     | GW06340TE | NITRATE/NITRITE        | 0.05   | MG/L  | U        | 0.05    | V1   | TR1              | Plume Extent     | REAL           |         |
| 5387     | 4/19/99     | GW06340TE | SULFATE                | 110    | MG/L  | 1        | 5       | V1   | TR1              | Plume Extent     | REAL           |         |
| 5387     | 4/19/99     | GW06340TE | TOTAL DISSOLVED SOLIDS | 840    | MG/L  | 10       | V1      | TR1  | Plume Extent     | REAL             |                |         |
| 5587     | 5/10/99     | GW06341TE | NITRATE/NITRITE        | 0.5    | MG/L  | 0.05     | V       | TR1  | Drainage         | REAL             |                |         |
| 5587     | 5/10/99     | GW06341TE | SULFATE                | 290    | MG/L  | 1        | 10      | V    | TR1              | Drainage         | REAL           |         |
| 5587     | 5/10/99     | GW06341TE | TOTAL DISSOLVED SOLIDS | 940    | MG/L  | 10       | V       | TR1  | Drainage         | REAL             |                |         |
| 5887     | 5/24/99     | GW06392TE | FLUORIDE               | 0.12   | MG/L  | 0.05     | V       | TR1  | RCRA             | REAL             |                |         |
| 5887     | 5/24/99     | GW06392TE | NITRATE/NITRITE        | 2.4    | MG/L  | 0.05     | 5       | V    | TR1              | RCRA             | REAL           |         |
| 5887     | 5/24/99     | GW06392TE | SULFATE                | 24     | MG/L  | 1        | V       | TR1  | RCRA             | REAL             |                |         |
| 5887     | 5/24/99     | GW06392TE | TOTAL DISSOLVED SOLIDS | 120    | MG/L  | 10       | V       | TR1  | RCRA             | REAL             |                |         |
| 5887     | 5/24/99     | GW06393TE | FLUORIDE               | 0.12   | MG/L  | 0.05     | V       | TR1  | RCRA             | DUP              |                |         |
| 5887     | 5/24/99     | GW06393TE | NITRATE/NITRITE        | 2.2    | MG/L  | 0.05     | 5       | V    | TR1              | RCRA             | DUP            |         |
| 5887     | 5/24/99     | GW06393TE | SULFATE                | 24     | MG/L  | 1        | V       | TR1  | RCRA             | DUP              |                |         |
| 5887     | 5/24/99     | GW06393TE | TOTAL DISSOLVED SOLIDS | 98     | MG/L  | 10       | V       | TR1  | RCRA             | DUP              |                |         |
| 70193    | 5/6/99      | GW06397TE | FLUORIDE               | 0.17   | MG/L  | 0.05     | V1      | TR1  | RCRA             | REAL             |                |         |
| 70193    | 5/6/99      | GW06397TE | NITRATE/NITRITE        | 2.5    | MG/L  | 0.05     | 5       | V1   | TR1              | RCRA             | REAL           |         |
| 70193    | 5/6/99      | GW06397TE | SULFATE                | 23     | MG/L  | 1        | V1      | TR1  | RCRA             | REAL             |                |         |
| 70193    | 5/6/99      | GW06397TE | TOTAL DISSOLVED SOLIDS | 120    | MG/L  | 10       | V1      | TR1  | RCRA             | REAL             |                |         |
| 70193    | 5/6/99      | GW06398TE | FLUORIDE               | 0.16   | MG/L  | 0.05     | V1      | TR1  | RCRA             | DUP              |                |         |
| 70193    | 5/6/99      | GW06398TE | NITRATE/NITRITE        | 3      | MG/L  | 0.05     | 5       | V1   | TR1              | RCRA             | DUP            |         |
| 70193    | 5/6/99      | GW06398TE | SULFATE                | 23     | MG/L  | 1        | V1      | TR1  | RCRA             | DUP              |                |         |
| 70193    | 5/6/99      | GW06398TE | TOTAL DISSOLVED SOLIDS | 130    | MG/L  | 10       | V1      | TR1  | RCRA             | DUP              |                |         |
| 70193    | 5/6/99      | GW06399TE | FLUORIDE               | 0.05   | MG/L  | U        | 0.05    | V1   | TR1              | RCRA             | RNS            |         |
| 70193    | 5/6/99      | GW06399TE | NITRATE/NITRITE        | 0.05   | MG/L  | U        | 0.05    | V1   | TR1              | RCRA             | RNS            |         |
| 70193    | 5/6/99      | GW06399TE | SULFATE                | 1      | MG/L  | U        | 1       | V1   | TR1              | RCRA             | RNS            |         |
| 70193    | 5/6/99      | GW06399TE | TOTAL DISSOLVED SOLIDS | 10     | MG/L  | U        | 10      | V1   | TR1              | RCRA             | RNS            |         |
| 70393    | 5/18/99     | GW06400TE | FLUORIDE               | 0.12   | MG/L  | 0.05     | V       | TR1  | RCRA             | REAL             |                |         |
| 70393    | 5/18/99     | GW06400TE | NITRATE/NITRITE        | 5.1    | MG/L  | 0.05     | 5       | V    | TR1              | RCRA             | REAL           |         |
| 70393    | 5/18/99     | GW06400TE | SULFATE                | 30     | MG/L  | 1        | V       | TR1  | RCRA             | REAL             |                |         |
| 70393    | 5/18/99     | GW06400TE | TOTAL DISSOLVED SOLIDS | 130    | MG/L  | 10       | V       | TR1  | RCRA             | REAL             |                |         |
| 70393    | 5/18/99     | GW06401TE | FLUORIDE               | 0.1    | MG/L  | 0.05     | V       | TR1  | RCRA             | DUP              |                |         |
| 70393    | 5/18/99     | GW06401TE | NITRATE/NITRITE        | 5.3    | MG/L  | 0.05     | 5       | V    | TR1              | RCRA             | DUP            |         |
| 70393    | 5/18/99     | GW06401TE | SULFATE                | 31     | MG/L  | 1        | V       | TR1  | RCRA             | DUP              |                |         |
| 70393    | 5/18/99     | GW06401TE | TOTAL DISSOLVED SOLIDS | 140    | MG/L  | 10       | V       | TR1  | RCRA             | DUP              |                |         |
| 70493    | 4/20/99     | GW06403TE | FLUORIDE               | 0.46   | MG/L  | 0.05     | V1      | TR1  | RCRA             | REAL             |                |         |
| 70493    | 4/20/99     | GW06403TE | NITRATE/NITRITE        | 2.1    | MG/L  | 0.05     | 2       | V1   | TR1              | RCRA             | REAL           |         |
| 70493    | 4/20/99     | GW06403TE | SULFATE                | 14     | MG/L  | 1        | V1      | TR1  | RCRA             | REAL             |                |         |
| 70493    | 4/20/99     | GW06403TE | TOTAL DISSOLVED SOLIDS | 170    | MG/L  | 10       | V1      | TR1  | RCRA             | REAL             |                |         |
| 77392    | 5/5/99      | GW06377TE | FLUORIDE               | 5.8    | MG/L  | 0.05     | 5       | V1   | TR1              | Plume Definition | REAL           |         |
| 77392    | 5/5/99      | GW06377TE | NITRATE/NITRITE        | 2.5    | MG/L  | 0.05     | 5       | V1   | TR1              | Plume Definition | REAL           |         |
| 77392    | 5/5/99      | GW06377TE | SULFATE                | 370    | MG/L  | 1        | 10      | V1   | TR1              | Plume Definition | REAL           |         |
| 77392    | 5/5/99      | GW06377TE | TOTAL DISSOLVED SOLIDS | 910    | MG/L  | 10       | V1      | TR1  | Plume Definition | REAL             |                |         |
| B208789  | 4/26/99     | GW06379TE | FLUORIDE               | 0.46   | MG/L  | 0.05     | V1      | TR1  | Plume Extent     | REAL             |                |         |
| B208789  | 4/26/99     | GW06379TE | NITRATE/NITRITE        | 0.4    | MG/L  | 0.05     | V1      | TR1  | Plume Extent     | REAL             |                |         |
| B208789  | 4/26/99     | GW06379TE | SULFATE                | 180    | MG/L  | 1        | 5       | V1   | TR1              | Plume Extent     | REAL           |         |
| B208789  | 4/26/99     | GW06379TE | TOTAL DISSOLVED SOLIDS | 940    | MG/L  | 10       | V1      | TR1  | Plume Extent     | REAL             |                |         |
| P209289  | 5/4/99      | GW06380TE | FLUORIDE               | 0.14   | MG/L  | 0.05     | V1      | TR1  | Plume Definition | REAL             |                |         |
| P209289  | 5/4/99      | GW06380TE | NITRATE/NITRITE        | 4.5    | MG/L  | 0.05     | 10      | V1   | TR1              | Plume Definition | REAL           |         |
| P209289  | 5/4/99      | GW06380TE | SULFATE                | 120    | MG/L  | 1        | 2       | V1   | TR1              | Plume Definition | REAL           |         |
| P209289  | 5/4/99      | GW06380TE | TOTAL DISSOLVED SOLIDS | 760    | MG/L  | 10       | V1      | TR1  | Plume Definition | REAL             |                |         |
| P209489  | 5/12/99     | GW06381TE | FLUORIDE               | 0.31   | MG/L  | 0.05     | V       | TR1  | Plume Definition | REAL             |                |         |
| P209489  | 5/12/99     | GW06381TE | NITRATE/NITRITE        | 130    | MG/L  | 0.05     | 200     | V    | TR1              | Plume Definition | REAL           |         |
| P209489  | 5/12/99     | GW06381TE | SULFATE                | 88     | MG/L  | 1        | V       | TR1  | Plume Definition | REAL             |                |         |

## Appendix A: Groundwater Analytical Data - Water Quality Parameters

Second Quarter 1999

| Location | Sample Date | Sample #  | Analyte                | Result | Units | Lab Qual | Det Lim | Dilu | Valid | Result Type      | IMP Well Class   | QC Type |
|----------|-------------|-----------|------------------------|--------|-------|----------|---------|------|-------|------------------|------------------|---------|
| P209489  | 5/12/99     | GW06381TE | TOTAL DISSOLVED SOLIDS | 1400   | MG/L  |          | 10      | V    | TR1   | Plume Definition | REAL             |         |
| P218389  | 5/3/99      | GW06382TE | FLUORIDE               | 0.45   | MG/L  |          | 0.05    | V1   | TR1   | Plume Extent     | REAL             |         |
| P218389  | 5/3/99      | GW06382TE | NITRATE/NITRITE        | 6.5    | MG/L  |          | 0.05    | 10   | V1    | TR1              | Plume Extent     | REAL    |
| P218389  | 5/3/99      | GW06382TE | SULFATE                | 37     | MG/L  |          | 1       | V1   | TR1   | Plume Extent     | REAL             |         |
| P218389  | 5/3/99      | GW06382TE | TOTAL DISSOLVED SOLIDS | 320    | MG/L  |          | 10      | V1   | TR1   | Plume Extent     | REAL             |         |
| P219189  | 5/3/99      | GW06383TE | NITRATE/NITRITE        | 0.53   | MG/L  |          | 0.05    | V1   | TR1   | Plume Definition | REAL             |         |
| P219489  | 5/4/99      | GW06384TE | NITRATE/NITRITE        | 45     | MG/L  |          | 0.05    | 100  | V1    | TR1              | Plume Extent     | REAL    |
| P416689  | 4/26/99     | GW06385TE | NITRATE/NITRITE        | 3      | MG/L  |          | 0.05    | 2    | V1    | TR1              | Plume Extent     | REAL    |
| P416689  | 4/26/99     | GW06385TE | TOTAL DISSOLVED SOLIDS | 530    | MG/L  |          | 10      | V1   | TR1   | Plume Extent     | REAL             |         |
| P416789  | 4/26/99     | GW06386TE | NITRATE/NITRITE        | 8      | MG/L  |          | 0.05    | 5    | V1    | TR1              | Plume Definition | REAL    |
| P416789  | 4/26/99     | GW06386TE | TOTAL DISSOLVED SOLIDS | 540    | MG/L  |          | 10      | V1   | TR1   | Plume Definition | REAL             |         |
| P416889  | 5/17/99     | GW06387TE | NITRATE/NITRITE        | 6.6    | MG/L  |          | 0.05    | 5    | V     | TR1              | Plume Definition | REAL    |
| P416889  | 5/17/99     | GW06387TE | TOTAL DISSOLVED SOLIDS | 360    | MG/L  |          | 10      | V    | TR1   | Plume Definition | REAL             |         |

**Figure 1**

**Regulatory Required  
Groundwater Monitoring Wells  
Selected VOC & Nitrate Plumes  
Second Quarter, 1999  
Reportable Sample Analyses**

